The TESTIMONIALS of feveral *ingenious Gentlemen*, in Favour of this Work.

I. THE *Content* exhibited by the *Girt* is the *moft juft*, giving near a *Medium* in Content or Quantity between the Extreams of Meafuring by the *Geometrical Way*, and by the *Square within* (both which Ways are *in fome* Cafes, liable to Objection) and is certainly the *moft equitable* Way of Meafuring, between the *Buyer* and *Seller*; and therefore TABLES were, with *juft Reafon*, more particularly adapted, and the RULES given for *that* Way of Menfuration, which hath obtained to be a *reafonable* and *cuftomary* Method.

<div align="right">E. HATTON.</div>

II. THERE hath been great pains taken by feveral Authors upon this Subject endeavouring to fet afide this *cuftomary* Way of meafuring, but fince a CUSTOMARY PRICE is fettled *accordingly*, it is but a *vain* and *fruitlefs* Attempt; becaufe if *the one* is altered, *the other* muft be altered alfo; which comes to the fame Thing.

<div align="right">EDWARD LAURENCE,
Land-Surveyor.</div>

III. TO make a Buftle about an *abfolute* Exactnefs in Tables of this Kind is *Idle*, and can argue no great Sagacity: For to pretend to *refine* upon thefe Things which are of a PRACTICAL *Nature*, to any Degree beyond what is ever likely *to be admitted into* PRACTICE, is not only an Argument of *great Vanity*, or *little Judgment*, but difcovers a ftronger Inclination *to amufe* Mankind, than to do them any *real Service*.

<div align="right">CHARLES LEADBETTER,
Teacher of the Mathematicks, London.</div>

I. See *his* Vindication of Meafuring by the *Girt*.
II. See *his* Office and Duty of a Land-Steward.
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Practical Measuring

Made Easy

To the Meanest Capacity,

By

A *New* Set of TABLES;

Which Shew at SIGHT,

The *Solid* or *Superficial* Content (and *consequently* the Value) of any *Piece* or *Quantity* of Timber, Stone, Board, Glass, &c. used in Building, &c.

Also,

The *Solid* Content (and *consequently* the Value) of all Kinds of *Squared* or *Round* Timber, whether it be *Standing* or *Felled.*

Contrived to answer all the Occasions of *Gentlemen* and *Artificers,* far beyond any Thing yet extant, the Contents being given in *Feet, Inches,* and *Twelfth Parts* of an Inch.

With a *Preface*;

Shewing the *Convenience* and *Excellence* of this *New Method,* and *Demonstrating,* that whoever ventures to rely upon those *obsolete* Tables and Directions Published by *Isaac Keay,* is liable to be deceived *(in common Cases)* 10 s. in the *Pound.*

By E. HOPPUS,

Surveyor to the *Corporation* of the *London* Assurance.

The THIRD EDITION;

Greatly improved by the *Addition* of the *Quarters* of a Foot in the *Length,* to the Table of SOLID Measure; and of the *Inches* and *Quarters* of an Inch in the *Length* to the Table of SUPERFICIAL or FLAT Measure.

ALSO,

Some very curious Observations concerning the Measuring of Timber by SEVERAL DIMENSIONS, communicated By one of *His Majesty's* PURVEYORS.

LONDON:

Printed, for E. *Wicksteed,* at the *Black Swan* in *Newgate-Street,* 1751.

Be careful to obferve,

[Mr. *Hoppus* being dead.]

☞ That no Copy of this THIRD Impreſſion of *Practical Meaſuring*, &c. is warranted to be Correct, or is to be depended upon, unleſs I have ſubſcribed *my Name* to this Declaration upon the Back of the Title-page.

EWickſteed

THE

PREFACE.

TO those who are unacquaint
ed with the *intolerable Blun-
ders* and *numerous Imperfections*,
with which *other Tables*, already
extant, for the meafuring of Tim-
ber, Stone, &c. do abound; to
fuch, I fay, it may feem unnecef-
fary, at this Juncture, to trouble
the World with any *new Calcula-
tions* upon this Subject: Yet up-
on an impartial Examination of
what has been publifhed upon
this Head, it will appear, that it
has hitherto been the Fate of thofe
Writers either to have been very
indolent, or *very ignorant*, or, what
is ftill worfe, *very difhoneft*.

DARLING's *Carpenter's Rule
made eafy*, and KEAY's *Practical
Meafurer*, are the Books got in-
to the Hands of moft *Buyers* and
Sellers of *Timber*, *Stone*, &c. and
have been too long already *im-
plicitly* relied upon; efpecially the
laft, as will appear from the fol-
lowing Obfervations.

I. In *Darling*, it's true, you
have a Table for finding the *true
Square* of *unequal-fided Timber*;
but then it's fo far from being
generally ufeful, that if you have
any Occafion to look for the
*Square of 2 Inches by 5 Inches, 2 ½
by 7 ½, 3 ½ by 11 ½, 5 ½ by 17 ½,
&c. they are no where to be found*;
notwithftanding thefe *Dimenfions*
are

are *frequently* wanted for the mea-
suring of *Joists*, *Bond Timbers*,
Lintelling, and several other Sorts
of *Timber*, as well as for *Stone*,
&c. used in Building. And then
Darling having extended his Ta-
ble of *the Square* of *unequal-sided*
Timber no farther than to *double*
the *lesser Side*, and *beginning* with
2 and *ending* with 36 Inches ; this
has render'd them very *defective*,
and consequently of *little Use*.
Whereas these *new Tables*, from
2 as far as 9, run to 18 Inches the
other-side, and are extended to 54
Inches the *largest-side*, equal to
the Extent of the Table of *solid
Measure*, to which they relate.
And besides all this, the Table
he exhibits for the ready finding
the *Contents* of *equal-sided* Tim-
ber is so very short, that *Darling*
in this Respect is more *defective*
than even *Keay* himself.

II. In *Keay* you have no Ta-
ble at all for the measuring of *un-
equal-sided* Timber, Stone, &c.
but thro' the *Ignorance or Disho-
nesty* of the Author, * an *errone-
ous* Rule *is laid down*, viz.

" *Add*

---

* If *I. K.* did really believe that the Contents
of *unequal-sided* Timber cou'd be found by his
Tables, observing the R U L E he gives in the
last Page of the *Explanation* of his Table of *solid
Measure*, it is very plain from the following Ex-
amples, that he *exceeded in ignorance*.

And if on the other Hand it can be supposed he
was aware that *his Tables and Directions* would
not answer their End, it is undeniable, that he
has treated the Publick with *great Disingenuity*,
by taking upon himself to insinuate the Contrary.

" *Add the* two *Sides together,*
" *and take the* Half *thereof for the*
" true *Square, or take a* Fourth
" *of the Girt, or* Four *Sides.*"

Now *this Rule*, which he lays
down for your *Guide*, is so far
from *Truth*, that a *greater Fallacy*
could hardly be asserted.

EXAMPLE I.

[See the Copper Plate Facing *page* v.]

Let Fig. 1. *(marked* A B*) repre-
sent the* End *of a Piece of* Tim-
ber *or* Stone, *so* unequal-sided *as*
18 *Inches* Broad, *and but* 6 *Inches*
Thick.

Now to find the true Square *of
this Piece*, Keay *directs you to* add
together the two *Sides*, viz. 18 *and*
6, *which make* 24 *Inches, and if
you take* Half of that Number,
viz. 12, says he, *you have the* true
Square ; *whereas by these new* Ta-
bles, *and in* Fact, *it is* not quite 10
Inches ½.

DEMONSTRATION.

Let Fig. 2. *represent a* Square
of 12 *Inches* each Side, *then divide*
Fig. 1. *(by the* strongest *dotted
Line) into* two *equal Parts, and
take that Part marked* B, *and place
it in* Fig. 2. *then take the other
Part marked* A, *and place it in*
Fig. 2. *likewise ; and when this is
done there will plainly appear* to be
wanting *all the* dotted Part C,
which is no less than one Fourth
of the whole *Square ; and conse-
quently*

quently the Buyer, *if he relies upon the Advice of the* judicious Mr. Keay, *he certainly pays for* one Fourth more *Timber than in reality he has, or ought to pay for.*

But this Miſtake *of* 5 *s.* in the Pound, *you ſhall ſee, is only one of* Mr. Keay's Peccadillos.

EXAMPLE II.

[See the Copper Plate Facing *page* v.]

Let Fig. 1. (*marked* D E) *repreſent the* End *of a Piece of* Timber *ſo* unequal-ſided *as* 18 *Inches* broad, *and but* 2 *Inches* thick.

Now if you rely upon Keay, *and* add *together the* two Sides 18 *and* 2, *it makes* 20 *Inches*, Half of which, *ſays he, is the* true Square, *viz.* 10 *Inches*; *whereas by* my Tables, *and in* Truth, *the true* Square *is but* 6 *Inches*.

DEMONSTRATION.

Let Fig. 2. *repreſent a* Square *of* 10 *Inches* each Side; *then* divide Fig. 1. (*by the* ſtrongeſt *dotted Line*) *and take that Part marked* D *and place it in* Fig. 2; *then take the other Part marked* E, *and place it in* Fig. 2. *likewiſe*; *and when this is done, there will plainly appear* to be wanting *all the* dotted Part F, *which is near* two Thirds *of the* whole *Square, and conſequently the* Buyer, *when in* Fact *he ought to pay but* 7 s. 2 d. ⅜, *if he's guided by* Keay, *he muſt pay* 20 s.

which

which is 12 *s.* 9 *d.* ⅝ in every 20 *s.*
in his own wrong. * †

---

	s.	d.	
* Should be paid	07	2	⅜
K. advises you to pay too much	12	9	⅝
	20	0	

† But, perhaps, the above Manner of
Demonstration, which is *Geometrical,*
may not appear clear and satisfactory to
all, and therefore I shall demonstrate the
Fallacy's of Keay's Rule *Arithmetically.*

DEMONSTRATION.

Suppose you have a Piece of Timber,
each Side whereof is 12 *Inches* (or a *Foot
Square*) these *multiplied* into *each other*
(viz. 12 by 12) make 144 (the *Inches* in
a *superficial Foot* ;) but should the *Sides vary,* or become unequal, *ever so little* from
this *Size,* there will be a *Fallacy* in the
above-mentioned *Rule.*

For, was *one* Side 13 *Inches,* and the
other 11, these *added* together, the *Half*
will still be 12 for the *true Square.*

But if *multiplied* together (as they always ought to be, and are in the Calculation of these *New* Tables) it will be
but 143. So that here is *One* superficial
Inch *too much* in *every* Foot of *Length,* be
there ever so many.

AGAIN,

If *one Side* is 16 Inches, and the *other*
8 Inches, these *added* together, *the Half*
is also 12, for the *true* Square ; but
multiplied, it is only 128 ; so that in this
Case, whoever has any Thing to do with
Keay's Rule and *Tables,* will certainly pay
for 16 superficial Inches *too much* in *each
Foot* in *Length,* be there ever so many.

Let us now *re-consider* Example I, and
II, *Arithmetically.*

In Example I, 18 *multiplied* by 6 is
but 108, and, consequently, *Keay's Rule,*
which makes it 144, is *exceeding false,*
that being 36 *Superficial* Inches *too much*
in every Foot in *Length,* be there ever so
many ; or *one Fourth,* as was before *demonstrated.*

b

In

x

From these *Demonstrations* it is plain, that no Man ought to assume the Character of an Author, and *publickly* to take upon himself to determine in the Business of MEUM and TUUM before he is well assur'd of his own Abilities for such an Undertaking, and is resolved to make some *Conscience* of what he publishes: If a due Regard had always been had to this Consideration, we should never have met with any *Formal Pretender*, presuming to teach others those Things, which it is evident *he did not understand himself.*

I should scorn to make these Observations at all for the Sake of Disparaging the Performances of others, or to build my self a Reputation on their Ruins ; but I think myself obliged to acquaint the Publick with the plain Truth of Things without Favour or Affection ; and I am satisfied, if this Conduct were oftener practis'd, both the Time and Expence of gaining useful Knowledge would be much shortened ; and whoever endeavours to promote

---

In Example II. where the *different* Sides are 18 and 2, these *added* make 20, whose *Half* is 10, which being *multiplied* by itself (viz. 10 by 10) is 100 ; whereas the Sides *multiplied* together make but 36, and consequently, if you have any Thing to do with *Keay's Rule* and *Tables*, you certainly pay for 64 *Superficial* Inches in every 100 Inches more than you have, which is above 12 s. 9 d. in every 20 s. more than ought to be paid, as was before *Geometrically demonstrated.*

that,

that, let the Returns he meets with be what they will, he certainly lays the Publick under the greatest Obligations.

By this Time, it is to be presumed, no Man can doubt the Publick to be in want of a *new* Set of Tables for measuring all sorts of *Timber*, *Stone*, *Boards*, &c. and these I here present them with, by giving the Contents in *Feet*, *Inches, and* 12*th Parts of an Inch*, which is the most *natural Method*, and best adapted to *ordinary Capacities*, (for whose sake these Tables were principally intended.) I say, the *Method* of these Tables (since it *comes near enough the Truth*, and can be *at Sight* conceived) is *vastly preferable* to the 10000 Parts of a Foot, made use of by *Darling*; or the more unintelligible 432 Parts of a Quarter of a Foot, made use of by *Keay*.

The Table of *Superficial* or *Flat Measure* is *new*, and is extended to 24 Inches the *Breadth* (which is *double* the Breadth of *Keay*'s) and is calculated to the Exactness of a *Quarter of an Inch*; which renders it very useful to *Glaziers, and others*, who Measure *flat* Work to the *greatest Exactness*, which *Keay*'s Table of *Flat Measure* does not, by Reason he has omitted the *Quarters*.

From a Sense of the *fatal Consequences* that Mistakes in Printing must occasion, in Works of *this Nature*, I have been cautious

tious

tious in examining each Number throughout the Book, so that I have Reason to believe they are *all exact* ; and therefore, both the *Buyer* and *Seller* may depend upon meeting with *mutual Justice* from these Tables ; which, it's plain, from what has been said above, they are not to expect from *Keay*'s, where the Press-Errors are gross, and numerous.

I believe no Body can doubt these Tables to be as extensive as was consistent with my Design of making them a *cheap Pocket-Companion* ; and if the Publick does but reap the Advantage from them, which I intended they should, it will be ample Satisfaction to me, and I think they can have no Reason to complain.

E. H.

P. S. The List of the *present* Prices of *Locks, Bolts, Hinges, Nails,* &c. added to this Edition, is *intirely new,* and full of such Intelligence, as must afford all those, who desire to be *good Husbands* in the Affair of Building, much Satisfaction ; and therefore, I am persuaded it will be well received by those who consult it.

The Prices I have set down are such as they are *now* sold at by the *wholesale* Smiths and Ironmongers, either to *Workmen* or *Gentlemen,* who take them *in such Quantities* as I have set them down (viz. some *single* and some in *Dozens,* &c.) for those *Retailers,* or *Shopkeepers,* who buy them of these large Dealers, to sell again, have them for less than I have set down, *viz.* at the *Retailer*'s *Price.*

I have some Times heard inconsiderate People, as well as those whose Interest it is that the *real* Value of these Sorts of Goods

Goods should remain a Secret ; object a-
gainst the publishing any Thing of this
Kind ; because every one has not an Op-
portunity of applying always to the *whole-
sale* Ironmongers and Smiths for what
they want, but are forced to take what
they have Occasion for from the *Retailer*
in the *Country*, at his Price, and of which,
say they, you have not taken the least
Notice. In answer to this, let such Peo-
ple take the following Considerations.
I. That it is impossible, in the Nature of
the Thing, there could be any *one* Book of
Rates for these Goods which would hold
equally in all Parts of the Kingdom alike.
II. That many of the *Country Retailers* are
very Arbitrary, and will not at all be sa-
tisfied with a *moderate Profit*, which the
wholesale Dealers must ; for he who is not,
can have little or no Business ; and tho'
the *Gentlemen* and *Workmen* are not always
well acquainted with the Value of these
Goods, yet the *Retailers* always are, and,
knowing the different *wholesale* Dealers,
will always go to one who uses them best.
III. For these Reasons (in which I have
been confirmed by the Advice of several
skilful and intelligent Workmen) I have
chose to set down those Prices only which
the *wholesale Dealers* take of *Gentlemen*
and *Workmen* ; because from these it is
easier and *safer* both for the *Gentleman*,
and *Workman*, to draw more advantagi-
ous and beneficial Conclusions, than from
any other Prices whatsoever.

It only remains for me to acquaint the
Reader, that he stands indebted for the
Prices and *Weight* of the *Nails*, to a Gen-
tleman who is at present a very consider-
able Dealer in that Way, and has been so
near 30 Years ; and for the Prices of the
Locks, Bolts, Hinges, Saws, &c. to a wor-
thy Gentleman who has dealt very largely
in these Articles, for near 40 Years last
past, and is very lately retired from Busi-
ness, to enjoy an ample Fortune, the Re-
ward of his extraordinary Skill and Ap-
plication : So that these Lists of Prices
may be safely rely'd upon, with all the
Security that can be desired.

THE

THE
EXPLANATION
AND
USE
Of the following
TABLE
OF THE
Square of *unequal-sided* TIMBER, STONE, &c.

BEfore I proceed *to explain*, and shew *the Use*, of the Table of *solid Measure*, it is necessary that I should *explain*, and shew the *Use*, of the Table of the *Square of unequal-sided Timber*, whereby any Piece of Timber, Stone, &c. being *broader one Way* than the *other*, we may find the *Side of the Square* equal thereto.

I. At the *Beginning* of this Table, betwixt *two parallel Lines*, stands *two Inches Square*, which two Inches is the *Thickness*, or *lesser Side*, of the *End* of a Piece of Timber that you would find the *Square* of ; and under the said *parallel Lines* are *three* Rows or Columns of Figures : in that Column to the *left Hand*, divided from the *other two* by a black Line, is the *Breadth* or *larger Side* of the Piece to be measured.

Note,

Note, The *little* Figures of 2, which, in the faid *left Hand* Column, ftand between 2, 3, 4, 5, *&c.* fignify two *Quarters* or *Half an Inch.*

II. The *fecond* and *third* Row of Figures fhew the *Square* of the Piece in *Inches,* and *Quarters of an Inch,* anfwering to every *Inch* and *Half Inch* of *Breadth* in the *left Hand* Column.

To find the Square *of* unequal-fided *Timber.*

Example I.

Suppofe you have a Piece of Timber or Stone, the End of which is 3 *Inches* Thick, *and* 7 *Inches* Broad, *and want to know the* Square Side *of it :*

Look in the Table for 3 In-ches, *the Thicknefs (or leffer Side)* betwixt the *parallel Lines,* keep-ing your Eye down the *left Hand* Column till you come to 7, and *over againft* that, in the 2d and 3d Row, you'll find 4 : 2, which fignifies, 4 *Inches* 2 *Quarters,* or Half an Inch, and that is the *Square Side* of a Piece of *Timber* or *Stone,* equal to 3 Inches *Thick* and 7 Inches *Broad.*

Example II.

If you have a Piece of Timber or Stone, the End *of which is* 4 *Inches and an Half* Thick, *and* 11 *Inches and an Half* Broad, *and would know what is the* Square *of it :*

Look for 4 ½, the *Thicknefs (or leffer Side)* betwixt the *parallel Lines,*

. *Lines*, keeping your Eye down
the *left Hand* Column, and be-
twixt 11 and 12 is a *small* Fi-
gure of 2, which signifies *Half
an Inch*, and consequently stands
for 11 ½ (the *Breadth*) and *over-
against* that, in the 2d and 3d
Row, you'll find 7 : 1, which is
7 *Inches* and 1 *Quarter*, and that
is the *Square* Side of a Piece of
Timber or Stone, *equal to* 4 In-
ches ½ *thick* and 11 ½ *broad*.

Example III.

*Let there be a Piece of Timber
whose* Thickness *at the* End is 29
Inches and ½, *and the* Breadth
34 *Inches, the* Square Side *of
which will be found in the Table
to be* 31 Inches *and* 3 Quarters.

☞ If any one should object that the
Quarters of an Inch are not considered
in this Table of *unequal-sided* Timber ; to
such it may appear (from an Example or
two) that to have taken notice of the
Quarters in the Table, would have been
unnecessary ; because there is no *Square
Side* to be found *nearer* than what I have
calculated.

Example IV.

If you have the End *of a Piece
of Timber* 5 *Inches and* ¾ Thick,
and 7 *Inches and* ¼ Broad.

In this Case, *take the* Quarter
from the largest Side, *and add it
to the* smallest Side, *and then it
will* be 7 *Inches* broad *by* 6 *Inches*
thick.

Then look in the Table for 6,
betwixt the *parallel Lines*, and
over-against 7, in the *left Hand*
Co-

Column you'll find 6 : 2, which
is 6 *Inches* and an *Half* the *true*
Square.

EXAMPLE V.

If you have the End *of a Piece*
of Timber 15 *Inches* ¾ Thick, *and*
19 *Inches* ¼ Broad :

Call it 16 by 19, whose *square*
Side in the Table is 17 : 2, or 17
Inches and *an Half.*

N. B. *But if a* Quarter *of an Inch hap-*
pens to one Side only, *you may reject it*
without any material Loss. For the above
Method will be sufficiently near in all Cases,
provided you remember to take the Quarter
from the largeſt Side, *and add it to the* leſ-
ſer Side. *But leſt any one ſhould entertain a*
Prejudice againſt this Table, by reaſon the
Quarters *are omitted, let him take the fol-*
lowing.

EXAMPLE VI.

Let there be a Piece of Tim-
ber ſo unequal-ſided *as* 17 Inches
¼ Broad, *and but* 3 *Inches* ¼ Thick.

By the *above Rule* call it 3 ½,
by 17, the *Square Side* of which
by the Table, is 7 : 3, or 7 In-
ches ¾ ; take it likewiſe the *con-*
trary Way, and call it 3 by 17 ½,
and the *Square Side* by the Table,
is 7 : 1, or 7 Inches ¼ ; and
therefore in this Caſe, the Truth
will be the *Mean* betwixt 7 : 3,
and 7 : 1, which is 2, and
that is the *exact square Side* of a
Piece of Timber, 17 Inches ¼ by
3 ¼. *For where the* Sides *are ſo*
very different, *one to the other,*
you ſhould look for it both Ways,

c   *and*

and take the Mean *betwixt the* Extreams.

N. B. *Though it is seldom, or never, like to happen in* Practice, *yet I will suppose you have Occasion to find the* Square Side *of a Piece of* Timber, *or* Stone, *too large for the* Extent *of this Table.*

EXAMPLE VII.

You have a Piece of Timber 60 *Inches (or* 5 *Foot)* thick, *and* 96 *Inches (or* 8 *Foot)* broad, *and want to know the* square Side *of it.*

Take *Half* the *Thickness* (of 60) which is 30, and *Half* the *Breadth* (of 96) which is 48. Look in the Table for 30, betwixt the *parallel Lines*, and keeping your Eye down the *left Hand* Column, till you come to 48, and *over-against* that in the 2d and 3d Row is 38 : 0, which 38 *Inches* is *one Half* of the *Square Side* of the Piece, and that *doubled* makes 76 : 0, and is the *Square Side* of the Piece required.

THE

THE
EXPLANATION
AND
USE
OF THE
TABLE
OF
Solid Measure.

I. **T**HIS Table *begins* with
2 *Inches* the *Side* of the
Square, and by the *Addition* of a
Quarter of an Inch enlarges itself
to the Extent of 54 *Inches* (or a
Yard and Half) the *Side* of the
Square.

II. Every Page of this Table
consists of *two* distinct *Parts*, divided from each other by a *double
Line* : And at the *Top* of each
of the said *Parts* is set down the
Side of the Square, or *one Fourth* of
the *Girt* or *Circumference*, of the
Piece of *Timber*, *Stone*, or other
Solid, intended to be measured.

III. The *first* Column to the
left Hand, shews the several
Lengths in Feet, from *one Quarter* of a *Foot*, to 45 Feet, and of
such a Piece of Timber, whose
Side of the *Square*, or ¼ of the
Girt, is set down at the *Top*.

C 2   VI. The

IV. The *three* Rows of *Figures* in the *second* Column, marked at the *Top* with Ft. In. Pa. is the *solid* Content in *Feet, Inches,* and 12th *Parts of an Inch,* anſwering to *every Foot* in *Length,* in the *left Hand* Column.

To meaſure ſquare *Timber.*

1. With a *two Foot,* or any other *Rule;* meaſure the *Length* of the Piece in *Feet,* and ſet it down in your *Memorandum* Book.

2. Then with your Rule, if your Timber be *equal-ſided,* take the *Square* in *Inches,* and *Quarters,* if there be any, and ſet that down likewiſe.

But note, *That if your Timber, or Stone, be* unequal-ſided, i. e. *if it be* broader *one Way than the other, in this Caſe, you muſt firſt reduce it to a* Square, *by the Table of* unequal-ſided *Timber.*

3. Having ſet down the *Length* in *Feet,* and the *Square* in *Inches* and *Quarters,* as above directed, look at the *Top* of the Table of *ſolid Meaſure,* for the *Side of the Square;* and having found that, keep your Eye down the *left Hand* Column, till you find the *Length* of your Piece in *Feet;* and the *three* Rows of *Figures,* which ſtand *over-againſt* the *Length* in Feet, is the *ſolid Content* in *Feet, Inches,* and 12th *Parts* of an Inch.

E x-

EXAMPLE I.

You have a Piece of Timber, 10 *Feet* long, *and the* Side of the Square *is* 7 *Inches.* *What is the* folid Content *of it?*

At the *Top* of the Table of *folid Meafure* find 7 Inches, the *Side of the Square*, and keep your Eye down the *left Hand* Column, till you come to 10 Feet, the *Length* of your Piece; and *right againft* that, ftands 3 : 4 : 10 (*viz.* 3 *Feet,* 4 *Inches,* and 10 *Twelfth* Parts) which is the *folid Content* of the *Piece* required.

EXAMPLE II.

The Length *of a Piece of Timber* is 19 *Feet, and the* Side of the Square 14 *Inches* ¾. *What is the* folid Content?

Having found 14 ¾ *the Side of the Square*, look for 19 *Feet*, in the *left Hand* Column, and *over againft it*, ftands 28 *Feet*, 8 *Inches*, and 5 *Parts*; and that is the *folid Content* of a Piece, 19 *Feet long*, and 14 Inches ¾ *fquare.*

EXAMPLE III.

The Length *of a Piece of Timber is* 40 *Feet, the* Side of it one Way *is* 4 *Inches, and* 16 *Inches the* other Way. *What is the* folid Content?

Note, *Thefe* differing Sides *muft be reduced to* a Square *by the Table of* unequal-fided *Timber,* as already taught, which *Square* appears by the faid Table to be 8 Inches.

Ha-

Having found 8, at the *Top* of the Table of *folid Meafure*, look for 40 Feet (the *Length* of the Piece) in the *left Hand* Column, and *right againft* that, ftands 17 Feet, 9 *Inches*, and 4 *Twelfth* Parts ; the *Solid Content*.

N. B. Keay's *Rule and Tables makes the Content to be*

F. Qu. In.
27 3 48

which is 9 Feet ½ *too much,* or 9 s. 6 d. in 27 s. *too much.*

EXAMPLE IV.

There's a Piece of Timber 40 *Feet* long, *but the* Sides unequal ; one *Side is* 3 *Inches, and the* other *Side* 18 *Inches. What is the folid Content ?*

Having reduced the *Sides (by the Table of unequal-fided Tim-ber)* to a *Square,* it appears to be 7 Inches, 1 Quarter.

At the *Top* of the Table of *folid Meafure,* find 7 ¼, the *Side of the Square,* and *againft* 40 Feet long, in the *left Hand* Column, ftands the *Content, viz.* 14 Feet, 7 Inches, and 2 Twelfth Parts.

Note, *Had this Example been refolved by* Keay's *Tables, and the* R U L E *he lays down for the meafuring* unequal-fided *Tim-ber ; the* Anfwer, *inftead of being* 14 *Feet,* 7 *Inches, would have been* 30 *Feet and an Half,* which is 16 Feet too much.

☞ When a Piece of Timber to be mea-fured happens to have any *odd Parts of a Foot* in the *Length,* as

E x-

EXAMPLE V.

Suppofe a Piece of Timber to be 48 *Inches* fquare, *and* 22 *Feet* ½ *long. What is the* folid Content?

Seek in the Table of *folid Meafure,* for 48 Inches, *the Side of the Square,* and 22 Feet, *the Length,* which fet down ; then find the ½ *Inch* at the *Bottom* of the Table, and fet that down ; *add* thefe together, and you have *the Content,* viz.

		Ft.	In.	P.
22 Feet *long* is	—	352	0	0
½ a Foot *long* is	—	8	0	0
The Content required		360	0	0

N. B. *Except the* Timber *be* fo large, *as to carry a* Square *of* 30 *Inches, the* Half Foot, *or* Quarters, *are feldom regarded.*

Though it is feldom (or never) like to happen *in Practice,* yet we'll fuppofe you have occafion to meafure a Piece of *Timber,* or *Stone,* whofe *Side of the Square* is *above* 54 Inches (or *a Yard and Half*) which is the *largeft Square* in this Table.

EXAMPLE VI.

You have a Piece of Timber whofe Side of the Square *is* 76 *Inches, and the* Length 37 *Feet, What is the* Content ?

Since you cannot find 76 Inches the *Side of the Square* in the Table, take HALF *of it,* which is 38 ; find 38, the *Side of*

of the Square, and *over-against* 37
Feet the Length, is 371 : 0 : 4,
which set down *Four*

	F.	I.	P.
Times *, and *added*			
together, gives the	371	0	4
Content of the *whole*	371	0	4
Piece (of 76 Inches	371	0	4
square, and 37 Feet	371	0	4
long) *viz.* 1484 Feet			
1 Inch, and 4 Twelfth	1484	1	4

Parts of an Inch.

* Because that
H A L F is but
one *Quarter* of
the *End* of the
Piece thus :

38 Inches

76 Inches
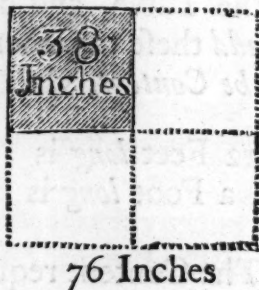
Of Hewn Timber.

N. B. It is customary, when *hewn*
Timber is to be measured, to make Use
of a large Pair of *Callipers*, to measure
the *Thickness*, or *Diameter*, of the Piece in
the Middle, between both Ends *(where*
in Case it were *tapering* Timber, one
would *girt it)* which *Thickness* or *Dia-
meter*, is usually taken for the Side *of the
Square*, the Piece will carry throughout:
But this Method is sometimes objected
to, because, all the *Cants*, or *Angular
Parts*, that are wanting, to make the
Piece perfectly square, are measured in,
and accounted for (though not there)
as so much real Timber: And this ob-
jection carries still a greater Weight,
when only a *small skirting* is hewn off
from the *four opposite* Sides, whereby the
Piece becomes rather *Octangular*, or
Eight-sided, than *Square* ; but, to all this
it is usually replied, that before the Piece
is *hewn* to *a Square*, there is a Waste in
the *Chips* and *Slabs*, which are only use-
ful for the Fire, and that the *Expence* of
hewing, *&c.* is more than the *Chips*, &c.
are worth.   *To*

To Meafure round *Timber that is* NOT Tapering.

1. WITH a *Rule*, meafure the *Length* of the Piece in *Feet* (and *Quarters* of a *Foot*, if neceffary) and fet it down in your *Memorandum*-Book; then reduce it to *fquare* Timber thus:

2. With a *Chalk-Line*, or *Pack-thread*, gird the *Piece* in any Place; then *double* the Line *twice*, and you have *one Fourth* of the *Girt*, for the *Side of the Square*, which you muft exactly meafure upon your Rule, and fet down in *Inches*, and *Quarters* of an *Inch*. Having thus reduced the *round* Timber to *fquare* Timber.

3. Look at the *Top* of the Table of *folid Meafure*, for the *Side of the Square*, equal to ¼ of the *Girt*, and keep your Eye down the *left Hand* Column, till you find the *Length* of the Piece in *Feet*, and *over-againft* it, ftands the *Content* of the *Piece* fought, in *folid* Feet, Inches, and *Twelfth Parts* of an Inch.

EXAMPLE.

Let the Length *of a Piece of* round *Timber, be* 45 *Feet, and* the Girt 44 *Inches*; one Fourth *of which is* 11 *Inches. I demand how much Timber this Piece contains?*

At the *Top* of the Table of *folid* Meafure, find 11 Inches,

d   *the*

the Side of the Square (which *is
equal* to *one Fourth* of the *Girt*)
and in the *left Hand* Column,
againſt 45 (*the Length* of the
Piece *in Feet*) ſtand 37 : 9 : 9,
that is 37 *Feet*, 9 *Inches*, and 9
Twelfth Parts (or ¾) of *an Inch*,
which is the *ſolid* Quantity of
Timber the Tree contains.

To meaſure Tapering *Timber*.

TApering *Timber*, is Timber
that is *ſmaller* at *one End*,
than *the other*, as *Fig*. 3, and, con-
ſequently, it will not carry the
ſame Square *from End to End*,
throughout the whole Piece ;
when you have found what *Square*
the Tree will carry *throughout*,
by taking *one Fourth* of the *Girt*
(as you were taught on *Page* xxv.)
you muſt proceed *exactly* as in
the Caſe of *round Timber*, alrea-
dy taught.

To find what *Square* a Tree
will carry *throughout*, the *Shape*,
or *Figure*, of the Tree, ſhould be
very carefully obſerved ; and if
the *Sides* of the Tree are *ſtrait*,
from *End* to *End*, as *Fig*. 3, then
it may *be girt*, and the *Square*
taken in the *Middle*, from the
Butt-end, and *Top*, as is the com-
mon Practice amongſt Work-
men ; or you may obſerve this

R U L E.

Take *One Fourth* of the *Girt*
at *each of the Ends* ; *add* them
together, and take *Half* of that
Sum for the *Side of the Square*,
which

which the Tree will carry *through-out*; as you will find exemplified in *Example* III, *Page* xxi.

N. B. If the Tree does not *taper* gradually, but is *unequally* thick, then you may *girt* it *oftener*; always remembering *to divide* the Sum total of the feveral *fourth Parts* of the *Girt*, by the *Number of Times* the Piece was *girded*, and it gives *the Side of the Square* the Tree will carry throughout.

☞ If you have any *odd Parts of a Foot*, in the *Length* of a Tree, you are to proceed as directed in the Cafe of *fquare Timber*, having *odd Parts* in the *Length*. See *Page* xxiii.

EXAMPLE I.

Let *the* Circumference *of a Tree, or Piece of* round *Timber (found by* girding *it)* be 36 Inches, one Quarter *of which is* 9 *Inches*, the Side of the Square, *and let the* Length *of the* Piece be 40 *Feet. What* Quantity *of Timber is in this Piece?*

Find 9 Inches, *the Side of the Square*, and *over - againft* 40 Feet, ftands 22 *Feet, 6 Inches*, which is the *Quantity* of Timber contained in a *Piece*, which is 40 Feet *long*, and 36 Inches *round*.

EXAMPLE II.

Let *the* Girt *of a Piece of Timber* be 75 Inches, ¼ *thereof is* 18¾, *for* the Side of the Square, *and let the* Length *of the Piece be* 45 Feet : *How much* folid *Timber does this Piece contain?*

Find 18 Inches ¾ the *Side of the Square*, and *over-againft* 45

d 2   Feet,

Feet, the *Length* of the Piece, stands the *solid Content*, viz. 109 Feet, 10 Inches, and 4 Twelfth Parts, or ⅓ of an Inch.

Example III.

Suppose that at the largest End *of a Tree,* ¼ *of the* Girt *(or* Side of the Square*) is* 50 *Inches, and at the* smaller End *but* 30 *Inches, and let the* Length *of the Tree be* 25 *Feet:* What Quantity *of so*lid *Timber does that Tree contain?*

Inches

The *Side of the Square,* } at the *larger End is* } — 50

The *Side of the Square,* } at the *smaller* End is } — 30

The Sum — 80

Half the Sum is 40 Inches, and that is the *Side of the Square,* which the Tree will carry *throughout.* Having *thus* obtained the *Side of the Square,* look at the *Top* of the Table of *solid Measure,* for 40 Inches, and in the *left Hand* Column, for 25 Feet (the *Length*) and *over-against* it stands, 277 Feet, 9 Inches, and 4 Twelfth Parts (or ⅓ of an Inch) which is the *Quantity* of *solid Timber* the Tree contains.

☞ If you should ever have Occasion to measure a Tree whose *Side is more than* 54 Inches, you must proceed as directed in the Case of *square Timber,* when the Square is *more* than 54 Inches. See *Page* xxiii.

But

But *Note*, If a Tree fhould be *Round-ing* or *Bulging* out (as *Fig.* 4.) fo that to-wards the *Middle*, it may be as large, or near it, as at the *Bottom*, then it muft be meafured *at twice* (which Workmen call *Joggling* the Piece) *viz.* The *Length*, A D, that continues of one and the fame *Bignefs*, or near it, *fingly* by itfelf, and fo alfo muft the *Remainder*, D B, and their Quantities *added* together, will be *the Content* of the whole Tree.

Now had this Tree *(Fig.* 4.) been meafured *at once* (or by *one* Dimenfion) as *Fig.* 3. then *its Girt* would have been taken at F, where it is very Small, and all the *extraordinary* Thicknefs, *a. a.* quite round about the fmall Body D B, would have been *loft* in the Meafure. And,

For this Reafon, thofe, who are to meafure Timber, fhould be very cautious how they agree (before they begin to meafure) *that let the* MIDDLE *of Pieces of Timber fall out how they will,* Great *or* Small, *their* Girt *fhould be taken* THERE. Becaufe, where one Tree is *largeft* (or its *mean Thicknefs* in the *Middle)* there are *Nine* or *Ten* that are *lefs :* and when their *Girts* are taken at their *Middle*, from *each End* (it is plain) they cannot fail of loofing many *Loads* in a large Quantity of Timber.

N. B. If the Tree is *crooked*, the *Length* is not to be taken on either the *Concave* (or hollow) or *Convex* (or OUT-arching) Side.

N. B. It is a *cuftomary* Allowance to *the Buyer*, to take the GIRT *any where he pleafes*, between the *greater End* and the *Middle* of the Tree.

N. B. Branches or *Boughs* meafuring *two Feet* in Compafs ; (or 6 Inches, $\frac{1}{4}$ of the *Girt)* are reckoned as *Timber*, and their *Content* is to be found, and added to that of the Tree.

Note, So much of *the Trunk*, as mea-fures *lefs* than *two Feet* compafs (or 6 Inches, $\frac{1}{4}$ of the *Girt)* is not admitted to be *Timber*.

Of making an Allowance *for the* BARK.

IN meaſuring Trees that have their *Bark* on, for Sale, it is common to make an *Allowance* to the Buyer, on Account of the *Bark*, thus; in *Oak*, $\frac{1}{10}$ or $\frac{1}{12}$ Part of the Circumference is deducted; but the *Allowance* for the Bark of *Elm, Beach, Aſh,* &c. ſhould be leſs:—— *Some* Meaſurers inſiſt on *one Inch* out of *one Fourth* of *the whole Girt* for it, viz. If $\frac{1}{4}$ of the *Girt* is found to be 9 *Inches*, then 1 *Inch* is *abated*, and $\frac{1}{4}$ of the *Girt* is reckoned at 8 *Inches* only.—— *Others* ſay, That if it is an *old thick-barked* Tree, *one Inch* muſt be abated in a *fourth Part* of the *Girt* for the *Bark*; but in *young growing* Timber, *Half an Inch* may be ſufficient, as every Practitioner will eaſily judge. *This Deduction* being made, is ſuppoſed to reduce the Compaſs to that which the Tree will have, when the Bark is ſtripped off. Therefore obſerve this

RULE. From the given *Circumference*, Subſtract the *Allowance* for *Bark*; and with *the remaining* Compaſs, find the *ſolid* Content, as already taught.

Of meaſuring Timber that is Standing.

IN meaſuring Timber *ſtanding*, it is ſufficient to have a very long Pole, divided into *Feet* only (be-

(beside a Pocket Foot-Rule, divided into *Inches*) and a Ladder to get up with readily, to measure the *Girt* of the Tree, at the *middle* height, to which it runs Timber; *i. e.* as far as it will carry a *Square* of 6 Inches, or will Measure 24 Inches *round*, and then you proceed to find *the Contents*, as already *taught*.

I have known a Steward, who, at his first entering into Business, was so exact as to take an Account of every *Single* Timber-Tree, as well as others likely to become Timber, in all the Woods within his Master's several Manors : And he effectually did this to the greatest Advantage, by having a Book ruled with proper Columns, in the following Order.

I. To insert *the fourth Part of the Girt of each Tree, in Inches*.

II. *The Length of each Tree, in Feet*.

III. *The Number of solid Feet in each Tree*.

IV. *The Value* per *Foot, that each Tree is worth, according to its Dimensions and Goodness*.

V. *The Value of the Body of each Tree, in Proportion to the aforesaid Price*.

VI. *The Value of the* HEAD *of each Tree*.

VII. *The Value of the* BARK *of each* OAK-*tree,* [which generally holds to be about *a third Part* of the Value of the BODY and HEAD.] And,

VIII. A

VIII. A Column for *the Value* of *the* BODY, *the* HEAD, *and* BARK, ADDED together.

A Book, put into this Method, can never fail of giving great Satisfaction to a Master, who has then something to depend upon whenever his Necessities, or his Inclinations may call for a *certain* Sum of Money. However, after a Sale, the Book must be altered, and such Trees struck out of it, as are felled.

When an Account is taken of the several *Timber-trees* (in the Manner I have mentioned) they should be *numbered* with *Iron-stamps*, made on purpose: Only before the Stamp is applied, the *rough* Part of the Bark should be taken off with a Hatchet, that the Impression may be made easy and visible: And, to make it *lasting*, the Stamp should not go *deeper* than *the Bark*; because, in such Case the *Number* will soon grow up; but otherwise it may last several Years by renewing, which is no undesirable Circumstance.

The foregoing Examples, with what has already been said, are sufficient to make the Business of measuring, both *square* and *round* TIMBER, STONE, &c. easy to the very *meanest Capacity*. However (for *Practice Sake*) I shall suppose the Learner was to measure 10 *Trees*, or *Pieces* of Timber.

Let

Let him set down their *Number* and *Dimensions* as in the following Columns, and then find their *Contents* as already taught, and set that down *against each Tree*, as under,

Nº Trees.	Side square Inches.	Length Feet.	By this *New* Method. Ft.	In.	Pa.	By KEAY. F.	Qrs.	In.	By DARLING. Feet, and 10000 Parts.
1	9	10	5	7	6	5	2	216	5.6250
2	10½	14	10	8	7	10	2	378	10.7187
3	15	11	17	2	7	17	0	324	17.1875
4	20¼	16	46	8	3	46	2	336	46.6944
5	16	24	42	8	4	42	2	288	42.6666
6	16	23	40	10	8	40	3	240	40.8888
7	36	18	162	0	0	162	0	000	162.0000
8	25	28	131	5	4	131	1	336	131.4442
9	31	17	113	5	5	113	1	348	113.4513
10	35	30	255	2	6	255	0	360	255.2083
Total			825	10	7	825	3	234	825.8848

Besides the *Contents* given by this *new* Method, I have like-wise set down the *Contents* of

e   *each*

each Tree as given by *Keay* and *Darling*, to ſhew that this Me-
thod is more *intelligible*, and *better ſuited* to *ordinary Capaci-
ties*, than either of theirs. Theſe *Twelfth Parts* of an Inch are *eaſi-
ly* caſt up, and *readily* under-
ſtood ; for here you have nothing more to do than *to carry* 1 to the *Inches* for every 12 in the *Parts*, and 1 to the *Feet* for every 12 in the *Inches* : Whereas, by *Keay*'s Method, you muſt carry 1 to the *Quarters* for every 432 in the *Inches*, and 1 to the *Feet* for every 4 in the *Quarters* ; and by *Dar-
ling*'s Method you muſt carry 1 to the *Feet* for every 10000 in the *Parts*. Both which Numbers of 432 *Inches* and 10000 *Parts of a Foot* are very *difficult* to conceive, and, conſequently, very *trouble-
ſome* and *perplexing* to every Man that is not verſed in *Decimal A-
rithmetick* and *Menſuration*.

Of Reducing Timber to Loads.

N. B. Meaſurers and Workmen, rec-
kon 40 Feet of *unhewn*, or *rough Timber*, and 50 Feet of *hewn Timber*, to a Load, ſuppos'd to weigh a Ton, or 20 hundred Weight : For, *hewn Timber* is meaſured by the Square, but *rough Timber*, by the *Girt*, (or *quarter* Compaſs,) therefore, in the buying of Timber, it amounts to much the ſame, whether it be meaſured by the *Girt*, at 40 Feet ſolid to a Load ; or mea-
ſured by the *Square*, at 50 Feet to a Load. Therefore,

When Timber is to be reduced to Loads, *divide* the Feet, in *rough*, or *un-
hewn* Timber, by 40, and it gives the *Loads*. Or,

Divide the Feet, in *hewn* Timber, by 50, and it gives the *Loads*.

Some

Some curious *Observations concerning measuring Timber, by* several Dimensions. *Communicated by one of his* Majesty's PURVEYORS.

Of measuring Fig. 5, [*facing* Page v.] *by* one *Dimension, and also at* three *Dimensions.*

NOW let us take, and well consider, *Fig.* 5, intended to represent a Piece of Timber, that is 24 Feet *long,* and the *Girt* of the *Butt-end* A, 6 Feet, one Fourth of which is 18 Inches; and the *Girt* at the *Top,* G, 12 Inches, one Fourth of which is 3 Inches; and (as the *Sides* are supposed to be *nearly strait*) the *Girt* in the *Middle,* at D, 36 Inches, one Fourth of which is 9 Inches: now look into the Table of *solid* Measure for 9 Inches *the Side,* and 24 Feet *the Length,* and you'll find the *Contents* of *this Piece,* to be 13 ½ *Feet.*

Having thus found *the Content,* by *one* Dimension, to be 13 ½ Feet; let us now proceed to see what *this* Piece will produce, when measured by *three* Dimensions. Suppose *the Top* cut off at E, and that we have only a Length of 16 Feet, *viz.* from A to E (instead of 24 Feet, as before) and *one Fourth* of the *mean Girt* at C, to be 12 Inches: Now if you look in the Table of *Solid* Measure (for 12 Inches *the Side,* and 16 Feet *the Length*) you will

find

find this Piece A E, to contain 16
Feet of Timber, notwithstanding
the *Top* E G, which is 8 Feet
long, is not taken the least No-
tice of; whereas when this *Top*
was left on, the whole, A G, mea-
sured but to 13½ Feet, so that by
cutting off 8 Feet at the *Top*, we
gain 2½ Feet of Timber.

Next let us suppose 16 Feet
to be cut off at the *Top*, and no
Sort of Notice taken of it, *viz.*
from C to G, and only the *Butt-
end* A C, left to be measured,
the Length of this *Butt* is but 8
Feet, and its *Girt* in the Mid-
dle, 3 Feet, one Fourth of which
is 15 Inches. Now if you look
into the Table of *Solid* Measure
(for 15 Inches *the Side*, and 8
Feet *the Length*) you will find
this *Butt* ALONE to contain 12½
Feet, which is only *one* Foot *less*
than the *whole* (24 Feet A G)
when measured together; so that
by cutting off 16 Feet at the *Top*,
you loose only *one solid* Foot of
Timber.

Of measuring Fig. 5, *from* C *to* G.
by one *Dimension, and also by*
two *Dimensions.*

NOW let us suppose 8 Feet
to be cut off at the *Butt-
end*, *viz.* from A to C, and let
us proceed to measure the Re-
mainder, C G; first, entire by
one Dimension, and afterwards
by *two* Dimensions. Look in
the Table of *Solid* Measure (for
6 Inches

6 Inches *the Side*, and 16 Feet *the Length* and you will find *the whole* (C G) contains exactly 4 *solid* Feet.

Let us now suppose it cut in *two* in the *Middle*, at E, and let us measure *each* Part by itself. Look in the Table of *Solid* Measure (for 9 Inches *the Side* and 8 Feet *the Length*) and you will find it contains 4 $\frac{1}{2}$ *solid* Feet ; so that you see this Piece C F, measures to *Half* a solid Foot *more* than *both* the Pieces C E, and E G, did before, when measured *together* ; they *both* measuring but to 4 solid Feet, and this *one* measures to 4 solid Feet and an Half, *exclusive* of E G.

Let us now measure the Piece E G. Look in the Table of *solid* Measure (for 4 Inches *the Side*, and 8 Feet *the Length*) and you will find E G, contains 10 solid Inches, and 8 12th Parts, which is *almost* 1 Foot ; so that you see *the whole* C G, measures to almost *one* solid Foot *and an Half* more, when measured at *twice*, than it did when it was measured at *one* Dimension.

Some useful *Observations, drawn from the* foregoing *Methods of measuring* Fig. 5.

THIS Piece of Timber (*Fig.* 5.) and the above Manner of measuring it, if well considered, shew the *Imprudence* of those *Sellers*, who (think-

(thinking it an Advantage to them) leave the Pieces with their long taper Tops on, to a great Length, whereby *the Girt* comes to be taken in a much *smaller* Part of the Tree than it ought, or would be if the *Top* were *cut off*; and it may likewise serve to shew the *Advantage* there is of *buying in*, such a Piece of Timber, of 24 Feet long, *entire* (or measured by *one* Dimension) and *selling* it measured out again, after it is cut out into *three* Pieces, or *Lengths*, of 8 Feet *each* *.

And here it may be farther worth observing, that though in *Fig.* 5, the Sides of the Tree are supposed to be *nearly strait*, from the *Butt* to the *Top*, *viz.* from A to G, yet this very rarely happens to be the Case; for on the contrary, most Trees hold *an equal* Thickness (or near it) many Feet forward from the *Butt*, and consequently measure *much more*, than when they *taper*, or diminish *gradually* from the *Butt* to *near* the *Top*, as *Fig.* 5, is here supposed to do.

	l.	s.	d.
* Look in the *Copper-Plate*, facing *Page* v, and you'll see that *Fig.* 5, measured by *three* Dimensions, measures to 18 *solid* Feet, which at 12 d. per *Foot*, comes to	0	18	0
But measured by *one* Dimension, it measures *only* to 13 ½ *solid* Feet, and at 12 d. per *Foot*, comes to	0	13	6
So that this Piece of Timber, *Fig.* 5, though it is bought in, and sold out, at *the same Price*, per Foot; and by *the very same* Method of measuring; yet there is 4 s. 6 d. gained by cutting it into three Lengths, of 8 Feet *each*.	0	4	6

N. B. *For want of Room*, Fig. 5, *is not drawn in* Scale.

THE
EXPLANATION
AND
USE
Of the following
TABLE·
OF
Superficial or *Flat*
MEASURE.

1*st*. THIS Table *begins* with
1 Inch *broad*, and by
the *Addition* of a *Quarter* of *an
Inch*, extends itſelf to 24 Inches
the BREADTH.

2*dly*. *Each* Page of this Ta-
ble, is divided into *Two* diſtinct
Parts, and each *Part* conſiſts of
Two Columns.

3*dly*. The FIRST *Part* of the
narrow Column to the *left Hand*,
ſhews the ſeveral *Lengths in Feet*,
from 1 to 24 ; and, the SECOND
Part the *Inches*, from 1 to 11 ;
and the THIRD Part, the *Quar-
ters* of an *Inch*.

4*thly*, The *Three* or *Four* Rows
of Figures in the *larger* Column,
on the *right Hand*, marked at
the *Top*, Ft. In. Pa. and *lower*,
Ft. In. Pa. S. and T. are the ſe-
veral *Contents* in *ſquare* Feet, In-
ches, *Twelfth Parts* of an Inch,
Se-

Seconds, and *Thirds*, anſwering to every Foot, Inch, and Quarters of an Inch, in the *Length*, in the *left Hand* Column.

The Uſe of the TABLE.

EXAMPLE I.

If a Board *is* 5 *Inches* broad, *and* 9 *Feet* long, *I deſire to know how many* ſquare-*Feet are contained therein?*

Look at the *Top* of the Table for 5 Inches (the *Breadth*,) and then keep your Eye down the *left Hand* Column, till you come to 9 Feet (the *Length*) and *over-againſt* that, ſtands 3 : 9 : 0, which ſignify 3 Feet, 9 Inches, and is the *Content* required.

EXAMPLE II.

There's a Plank, 17 *Feet*, 9 *Inches* long, *and* 21 *Inches*, ½ broad ; *I demand how many* ſquare Feet, *are contained in that* Plank?

At the *Top* of the Table, find 21 ½ Inches (the *Breadth*) and then look down the *left Hand* Column, for 17 Feet (the *Length*) and right againſt it, ſtands 30 : 5 : 6, which ſignifies 30 Feet, 5 Inches, and 6 *Twelfth* Parts, or Half *an Inch.* Then look for 9 Inches (the *Length*) and againſt it, ſtands 1 : 4 : 1 : 6, that is, 1 Foot, 4 Inches, 1 *Twelfth* Part of an Inch, and 6 *Seconds*, (or *Half* a *Twelfth* Part of an Inch ;) then *add* theſe two together, and you find the Content

to

to be, 31 Feet, 9 Inches, and 7 Twelfth Parts of an Inch,—the 6 Seconds may be rejected

	Ft.	In.	P.	S.
At 17 Feet	30	5	6	0
At 9 Inches	1	4	1	6
	31	9	7	6

☞ The *Quarters* of an *Inch* (when you have Occasion for them) must be found and *added* to the *Feet* and *Inches*.

N. B. If you have a Plank *broader* at one *End* than the other (which is very common) you will certainly (by what has been observed before) either take it in the *Middle*, or taking *each End, add* them together, and take the *Half* for the *true* Breadth (provided *both* Edges be *strait)* as you were forewarned in the Case of *Solid Measure.*

☞ When you happen to meet with any *Board, Plank, &c. broader* than 24 Inches, or *longer* than 24 Feet, you must observe,

EXAMPLE III.

In a Plank 19 *Feet* long, *and* 27 *Inches* broad, *I demand how many* square Feet *there are ?*

☞ Now since your Table extends but to 24 Inches *broad,* the 27 Inches must be taken out *at twice,* viz.

	F.	I.	P.
19 Feet *long,* and 24 Inches *broad,* is	38	0	0
19 Feet *long,* and 3 Inches *broad,* is	04	9	0
The *Content* required	42	9	0

So that a *Plank,* 19 Feet *long,* and 27 Inches *broad,* contains 42 *superficial* Feet, and 9 Inches.

If you have a *Stock,* or Parcel of *Boards,* or *Planks,* to measure,

f   which

which are all of *one Length*, but
of *different Breadths*, you must
set down the Contents of *each*,
and add them together in the
following Manner :

EXAMPLE IV.

16 *Feet is the* common *Length*,
and the *Breadth* of

No.	Inches.	Contents.		
		F.	I.	P.
1	is 7	9	4	0
2	7 ½	10	0	0
3	8	10	8	0
4	8 ½	11	4	0
5	9	12	0	0
6	9 ½	12	8	0
7	10	13	4	0
8	10 ½	14	0	0
9	11	14	8	0
10	11 ¾	15	4	0
11	12	16	0	0

The *square* or *su-
perficial Content
of the said* 11
Planks is   } 139   4   0

Which is 139 *Feet*, 4 *Inches*,
the *Content* required.

☞ See *the Observations concerning* SAW-
YERS *Work, on* Page 1.

THE
USE
OF THE
TABLE
OF
Superficial or *Flat*
MEASURE,
When applied to
Glaziers Work
Of all Kinds.

EXAMPLE I.

IN a *Window* of leaded *Glass*, which has three *Lights* in *it*, each *Light being* 3 *Feet* long, *and* 15 *Inches and* $\frac{1}{4}$ broad, *I desire to know how many Feet there is of Glazing?*

First add the *Length* of the *Three* Lights together, which make 9 *Feet*; then look in the Table for 15 *Inches*, and $\frac{1}{4}$ the *Breadth*, and against 9 *Feet* (the *Length*) you will find 11 : 5 : 3, which is 11 *Feet*, 5 *Inches*, and 3 *Twelfth Parts*, or a Quarter of an Inch; and that is the *Content* of the *Three* Lights required.

EXAMPLE II.

In Four *Windows* (*of* leaded Glass) each *Window having* two

Lights,

Lights, and each *Light being* 3 *Feet,* 6 *Inches,* and ¾ long, *and* 17 *Inches,* ¾ broad. *I demand how many Feet there is of Glazing?*

First the *Length* of all the 8 Lights must be *added* together, which make 28 *Feet,* and 6 *Inches;* then look in the Table for 17 *Inches,* and ¾ the *Breadth.*

But *since the Table does not extend to* 28 *Feet the* Length, *you must take the Answer out at Thrice,* viz.

	F.	I.	P.	S.
20 Feet *long,* and 17 Inches ¾, the *Breadth,* is	29	07	0	0
8 Feet *long,* and 17 Inches ¾, the *Breadth,* is	11	10	0	0
6 Inches *long,* and 17 Inches ¾, the *Breadth,* is	00	8	10	6
The *Content* required	42	1	10	6

So that 4 Windows, *each* having *two* Lights, and *each Light* being 3 Feet, 6 Inches, and ¾ *long,* and 17 Inches and ¾ *wide,* contain 42 Feet, 1 Inch, 10 Parts, and 6 Seconds of Glazing.

N. B. If you have any *Quarters* of an Inch in the *Length,* they must be found at the *Bottom* of the Table, and *added* as the *Inches* are in this *Example* II.

To measure Sash-Squares, *this Table is also very useful.*

Example III.

In a Sash-*Window that has* 12 *Squares of Glass* (i. e. *is* 4 *high, and* 3 broad) each *Square being* 10 *Inches* high, *and* 8 *Inches, and* ¼ broad. *I would know how many* Feet *of Glass it contains?*

First

First *add* together the *Height* of the 12 *Squares*, which make 10 *Feet* ; then look in the Table for 8 *Inches* and ¼ the *Breadth*, and against 10 *Feet* (the *Length*) is 6 *Feet*, 10 *Inches*, and 6 *Twelfth Parts*, or *Half* an Inch, which is the Quantity of Glafs in the faid *Safh*-Window.

N. B. If you have any *odd* Inches, or *Quarters* of an Inch in *the Length*, you muft proceed as in *Example* II.

EXAMPLE IV.

In a Safh-Window *having* 18 *Squares*, each *Square being* 20 *Inches* high, *and* 11 *Inches, and* ¾ broad. *I would know how many* Feet *of Glafs are therein ?*

First *add* together the *Height* of the 18 Squares, which is 360 Inches (or 30 Feet ;) then look in the Table for 11 Inches and ¾, the *Breadth*.

But fince the Table does not extend to 30 *Feet the* Length, *you muft take the Anfwer out at twice, viz.*

	F.	I.	P.
20 Feet *long*, and 11 Inches ¾, in *Breadth*, is	19	07	0
10 Feet *long*, and 11 Inches ¾, in *Breadth*, is	09	09	0
The *Content* required	29	04	6

So that a *Safh*-Window that hath 18 Squares, *each* Square being 20 Inches *high*, and 11 Inches and ¾ *wide*, contains 29 *Feet*, 4 *Inches*, and a *Half* of Glafs.

☞ *Ob-*

☞ *Obferve* that for the Generality, *Safh* Windows have either 12, or 18 *Squares each*; and in fuch a Cafe the *Quantities* are more *eafily* and *expeditioufly* found by the *following Method.*

When a Window hath 12 Squares, *the* Inches *in* Height *are to be* conceived *fo many* Feet *in* Length, *as will more plainly appear by* reconfidering *the foregoing* EXAMPLE III. *where the* 12 Squares *were each of them* 10 *Inches* high, *and confequently, when* added *together, made* 10 Feet *in* Length; *fo that by this Method of* conceiving *the* Inches *in* Height, *to be* Feet, *the Trouble and Time in* adding *the* 12 *together, is hereby faved, and the* Queftion *more eafily anfwered.*

Again; *When a Window hath* 18 Squares *in it, if you* conceive *the* Height in Inches *to be* Feet, *and take the* Content *as given by the* Table, *and the* Half *of that* Content, *and* thefe *added together, will be the* Quantity; *and* this Method *will be very ferviceable* (*if rightly underftood*;) *for by this Means you will rarely exceed the* Extent *of the* Table (*few* Squares *b**ing more than* 24 Inches *high, the Bounds of the* Table *in* Feet) as for Inftance;

In EXAMPLE IV. where the *Height* of each *Square* was 20 *Inches,* and 11 *Inches* and $\frac{3}{4}$ *broad,* look in the Table for 11 Inches and $\frac{3}{4}$, and againft 20 *Feet long* (i. e. *Inches* high) is 19 Feet, 7 Inches,

Inches, *Half* of which is 9 Feet, 9 Inches, and a *Half*, and these being *added* together, make 29 *Feet*, 4 *Inches*, and a *Half*, which was the *Content* as given before.

Many more *Examples* might be added to illustrate this Rule, but a little Application and Practice will make it very easy and familiar.

A TABLE *of* English *Measures, and* Quantities, *used in Building.*

A Square Foot, is 144 *square* Inches.

A cubical Foot, is 1728 *cubical* Inches.

A square Yard, is 9 *square* Feet.

A cubical Yard, is 27 *cubical* Feet.

A Square is 100 *square* Feet.

A Load of *rough* Timber, is 40 Feet.

A Load of *squared* Timber, is 50 Feet.

A Load of 1 Inch Plank, is 600 *square* Feet.

A Load of 1 ½ Inch Plank, is 400 *square* Feet.

A Load of 2 Inch Plank, is 300 *square* Feet.

A Load of 2 ½ Inch Plank, is 240 *square* Feet.

A Load of 3 Inch Plank, is 200 *square* Feet.

A Load of 3 ½ Inch Plank, is 170 *square* Feet.

A Load of 4 Inch Plank, is 150 *square* Feet.

A Load of *Statute* Bricks, is 500.

A Load

A Load of *plain* Tiles, is 1000.

A Load of Lime, is 32 *Bushels*.

A Load of Sand, is 36 *Bushels*.

A Hundred of Lime, is 35 *Bushels*.

A Hundred of Deals, is 120.

A Bundle of 4 Feet *Oak-Heart-*Laths, is 120, and 37 ½ Bundles is a Load.

A Bundle of 5 Feet *Oak-Heart-*Laths, is 100, and 30 Bundles is a Load.

N. B. Fir or *Deal* Laths, are of divers *Lengths*, as 3, 4, 5, and 6 *Feet* ; but all of them are reduced to the *Standard Length* of 5 Feet ; and so every Run of Bundles (each *Bundle* containing 100 Laths) is a *Load*, being equal to 30 *Bundles* of 5 Feet.

A Hundred of Nails, is 120.

A Thousand of Nails, is 1200.

A Ton of Iron, is 2240 *Pound-Weight*.

A Fodder of Lead, is 19 Hundred ½, or 2184 *Pound*.

A Hundred of Lead, is 112 *Pound-Weight*.

A Table of Glass, is 5 Feet, and 45 Tables is a Case ; but of Newcastle, and Norman-dy Glass, 25 Tables is a Case.

Some

SOME
OBSERVATIONS
CONCERNING
TIMBER,

Sawed into

BOARDS or PLANKS.

And also,

Concerning *Sawyers Work*, and the ufual Method of meafuring them: With fome Account of the LONDON *Prices* of *Sawyers Work*.

THE *following* Figure 1, *and* Figure 2, *are intended to reprefent two* different fhaped BOARDS, *or* PLANKS, *each* 6 Feet long, *each* 10 Inches bro'ad *at the* Butt, *and each* 8 Inches broad *at the* Top; *the* dotted Lines, *fhew how they each differ from fuch* Boards, *or* Planks, *as are firait fided.*

8 in   6   8 In

4 in   5   7½ in

Fig 1   4   Fig 2

6 Feet   5 In   3   6 Feet   12 In

6½ in   2   7 in

1

12 9 6 3

10 In   10 In
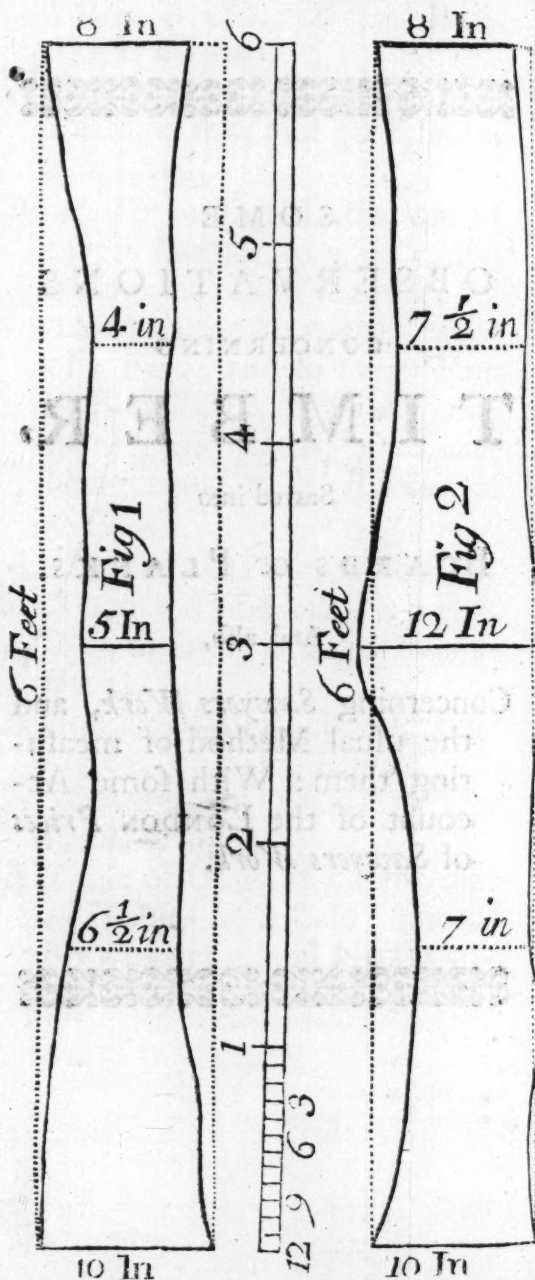
FIG. 1, you fee meafures 5 Inches in *the Middle*, which look for in the Table, and

and at 6 Feet the *Length*, you find it contains 2 *Feet*, 6 *Inches*, according to the *customary* Way of measuring.

Fig. 2. You see measures 12 Inches in the middle, which look for in the Table, and at 6 Feet, the *Length*, you find it contains 6 *Feet*, according to the *customary* Way of measuring. So that it is evident, that of *two* Boards, or Planks, of the same *Length*, and of the same *Breadth* at *Butt*, and *Top*, according as *the Middle* runs, *one* shall contain *Three* *superficial Feet, and a Half*, more or less, than *the other*.

FIG. 1. *by* Two *Dimensions.*

Let us now suppose *Fig.* 1. to be cut in the Middle, and to be measured by *two* Dimensions : The *Middle* of the *bottom* Part measures 6 Inches and a Half, which look for in the Table, and at 3 Feet the *Length*, you find it contains 1 *Foot*, 7 *Inches*, and a *Half* (or 6 Parts). The *Middle* of the *Top*-Part is 4 Inches, which look for in the Table, and at 3 Feet the *Length*, you will find it contains just 1 *Foot* ; these *added* together, make *the whole* to be 2 *Feet*, 7 *Inches*, and a *Half* ; so that there is only 1 superficial *Inch, and a Half*, gained or lost, by measuring *Fig.* 1. by *one* or *two* Dimensions.

FIG. 2. *by* Two *Dimensions.*

Let us now measure *Fig.* 2. by *Two* Dimensions: The *Middle* of the *bottom* Part measures 7 Inches, which look for in the Table, and at 3 Feet, the *Length*, you will find it contains 1 *Foot*, 9 *Inches* ; the *Middle* of the *top* Part is 7 $\frac{1}{2}$ Inches, which, by the Table at 3 Feet, the *Length*, is 1 *Foot*, 10 *Inches*, and a *Half* ; and these *added* together (instead of making 6 Feet *as before*) make the whole to contain no more than 3 *Feet*, 7 *Inches*, and a *Half* ; which is 2 *Feet*, 4 *Inches*, and a *Half* less than it measured to, when measured by *one* Dimension.

And if we suppose, *Fig.* 2. to be a fine Wallnut-tree, *two* Inch Plank, at 12 d. per *Foot* ; if measured by *one* Dimension, it comes to 6 s. but if it be measured by *two* Dimensions, it comes (at the *same* Price) to no more than 3 s. 7 d. $\frac{1}{2}$, which is 2 s. 4 d. $\frac{1}{2}$ *Loss*.

THE

THE *following* CUT, Fig. 3, *is intended to repreſent the* END *of a* ſtrait *Piece of* round *Timber*, 12 *Inches* Diameter, *at each* END, *and* 6 *Feet* long.

Fig.3
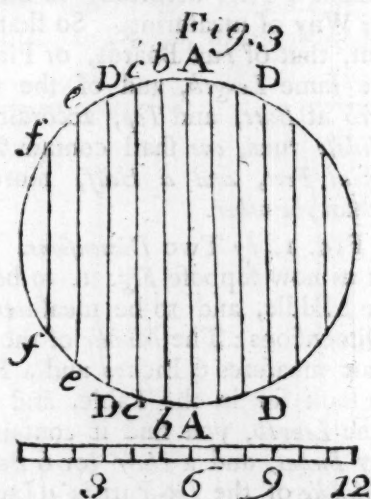
A A. Shews what is commonly called *Sawyers* Meaſure, for which, at LONDON, there is uſually paid 3 *s.* for OAK, *per* 100 Feet, *Superficial* Meaſure.

Ð D. Shews what is commonly called *Market* Meaſure (and which is the trueſt) for which, at LONDON, there is uſually paid 3 *s.* 6 *d.* for *Oak, per* 100 Feet, *Superficial* Meaſure.

☞ The *firſt* Column in the following Table, ſhews the DIAMETER; the *Second* the SUPERFICIAL *Content*; and the *Third*, what is loſt *per* each *Cut*, or *Board*, if you pay for them all *per Sawyer's* Meaſure.

The *Diameter*, or *Breadth* of each Cut.		Superficial Content of each Cut or Board.			Loſt per each Cut.		
Ft.	In.	Ft.	In.	P.	Ft.	In.	P.
A A 1	0	6	0	0	0	0	0
b b 0	11¾	5	10	6	0	1	6
c c 0	11½	5	9	0	0	3	0
D D 0	10¾	5	4	6	0	7	6
e e 0	9	4	6	0	1	6	0
f f 0	7	3	6	0	2	6	0

At

At LONDON, *the* Sawyers *cut* Timber *at the following* Prices.

OAK, from 3 *s.* to 3 *s.* 6 *d. per* 100 Feet, *Superficial* Measure ; or 7 *s. per* Load, of 50 solid Feet.

ASH, from 5 *s.* to 6 *s. per* 100 Feet, *Superficial* Measure ; or from 8 *s.* to 12 *s. per* Load, of 50 solid Feet.

FIR, from 3 *s.* to 4 *s. per* 100 Feet, *Superficial* Measure ; or 6 *s. per* Load, of 50 solid Feet.

What are called *D E A L S,* are sawed *Abroad* ; but for *slitting* 10 Feet *Deals,* there is usually paid in LONDON, 2 *s.* 6 *d. per Dozen,* or 2 *d.* ½, *per Cut* ; and for 12 Feet *Deals,* 3 *s. per Dozen,* or 3 *d. per Cut.*

MAHOGONY, from 5 *s.* to 8 *s. per* 100 Feet, *Superficial* Measure.

WALLNUT-TREE, from 5 *s.* to 7 *s. per* 100 Feet, *Superficial* Measure.

ELM, from 2 *s.* 6 *d.* to 5 *s. per* 100 Feet, *Superficial* Measure.

N. B. *Mahogony, Wallnut-Tree,* and *Elm,* are never cut by *the Load.*

N. B. BEECH is commonly used for *Bedsteads, Chairs, Table Frames,* &c. and is generally cut in the *Country.*

N. B. The Difference in the Prices of sawing the *same* foregoing Woods, arises from the *valuableness* and *fineness* of the *Timber,* and *sawing.*

☞ No *Planking,* less than 2 Inches *thick,* is cut by *the Load :* In Case it is *thinner* than 2 Inches *thick,* it is measured by the 100 Feet, *Superficial* Measure.

N. B. By *Custom,* the Sawyers *at London* have one Piece *with another,* as they shall happen to fall out, as much *per Load* for breaking down, or cutting a Piece of Timber into *large* Scantlings, as they have for breaking it down, or cutting it into *small* Scantlings ; *viz.* they will cut a Piece of Timber, *a Foot square,* of any *Length,* into 2 Scantlings of 12 *Inches,* by 6 *Inches* ; or into 4 Scantlings of
6 *Inches*

6 *Inches*, by 6 *Inches*; or into 12 Scantlings of 4 *Inches*, by 3 *Inches*, all at *one* and the *same Price*, or for the *same Money*. And the Reason they give for this Practice is, where the Stuff proves *fine*, it is seldom, or never, the Interest of the Owner, to have it cut into *small* Scantlings.

N. B. Having occasionally made Use of the Terms, *Lineal*, *Running*, *Superficial*, and *Solid*, or *Cubical* Measure, in the foregoing Pages; it may not be amiss here to explain them.

Lineal Measure regards only the *Length*, but has no Regard to the *Breadth*, or *Thickness*.

Running Measure is the same as *Lineal*.

Superficial Measure regards the *Length* and *Breadth*.

Solid, or *Cubical* Measure, regards the *Length*, *Breadth*, and *Thickness*.

A T A-

A TABLE

OF THE

CONTENTS.

The CONTENTS of the PREFACE.

Gen-

The CONTENTS of the USE, &c. of the TABLE of the *Square* of *unequal-sided* Timber, Stone, &c.

N. B. This Table begins at Page 2, and ends at Page 22.

The

A New
TABLE

For the Finding *at Sight* the

SQUARE

Of *Unequal-Sided*

TIMBER, STONE, &c.

Ready cast up;

Whereby the true *Square* of any Piece of *Timber, Stone, &c.* being broader *one way* than *the other*, may be found, from 2 to 54 *Inches* the *broadest* Side.

And therefore, by *Addition* only, may serve to any *greater Breadth* if there should ever be Occasion.

2 Inch Sqr.

2	2	1
3	2	2
2	2	3
4	2	3
2	3	0
5	3	1
2	3	2
6	3	2
2	3	3
7	3	3
2	3	3
8	4	0
2	4	0
9	4	1
2	4	1
10	4	2
2	4	2
11	4	3
2	4	3
12	5	0
2	5	0
13	5	1
2	5	1
14	5	1
2	5	2
15	5	2
2	5	2
16	5	3
2	5	3
17	5	3
2	6	0
18	6	0

2 ½ Sqr.

3	2	3
2	3	0
4	3	1
2	3	2
5	3	2
2	3	3
6	3	3
2	4	0
7	4	1
2	4	1
8	4	2
2	4	2
9	4	3
2	4	3
10	5	0
2	5	0
11	5	1
2	5	1

12	5	2
2	5	2
13	5	3
2	5	3
14	6	0
2	6	0
15	6	1
2	6	1
16	6	1
2	6	2
17	6	2
2	6	2
18	6	3

3 Inch Sqr.

2	3	1
4	3	2
2	3	3
5	3	3
2	4	0
6	4	1
2	4	1
7	4	2
2	4	3
8	4	3
2	5	0
9	5	1
2	5	1
10	5	2
2	5	2
11	5	3
2	5	3
12	6	0
2	6	1
13	6	1
2	6	1
14	6	2
2	6	2
15	6	3
2	6	3
16	7	0
2	7	1
17	7	1
2	7	1
18	7	1

3 ½ Sqr.

4	3	3
2	3	3
5	4	0
2	4	1
6	4	2
2	4	3

7	5	0
2	5	0
8	5	1
2	5	2
9	5	2
2	5	3
10	6	0
2	6	0
11	6	1
2	6	1
12	6	2
2	6	2
13	6	3
2	7	0
14	7	0
2	7	0
15	7	1
2	7	1
16	7	2
2	7	2
17	7	3
2	7	3
18	8	0

4 Inch Sqr.

2	4	1
5	4	2
2	4	3
6	5	0
2	5	0
7	5	1
2	5	2
8	5	2
2	5	3
9	6	0
2	6	0
10	6	1
2	6	2
11	6	3
2	6	3
12	7	0
2	7	0
13	7	1
2	7	1
14	7	2
2	7	2
15	7	3
2	7	3
16	8	0
2	8	1
17	8	1
2	8	1
18	8	2

4½ Square.

5	4	3
2	5	0
6	5	1
2	5	2
7	5	2
2	5	3
8	6	0
2	6	1
9	6	1
2	6	2
10	6	3
2	6	3
11	7	0
2	7	1
12	7	1
2	7	2
13	7	3
2	7	3
14	8	0
2	8	0
15	8	1
2	8	1
16	8	2
2	8	2
17	8	3
2	8	3
18	9	0

5 Inch Sqr.

2	5	1
6	5	2
2	5	3
7	6	0
2	6	0
8	6	1
2	6	2
9	6	3
2	6	3
10	7	0
2	7	1
11	7	2
2	7	2
12	7	3
2	8	0
13	8	0
2	8	1
14	8	1
2	8	2
15	8	3
2	8	3
16	9	0
2	9	1

17	9	1
2	9	1
18	9	2

5½ Sqr.

6	5	3
2	6	0
7	6	1
2	6	2
8	6	3
2	6	3
9	7	0
2	7	1
10	7	2
2	7	2
11	7	3
2	8	0
12	8	0
2	8	1
13	8	2
2	8	2
14	8	3
2	9	0
15	9	0
2	9	1
16	9	2
2	9	2
17	9	3
2	9	3
18	10	0

6 Inch Sqr.

2	6	1
7	6	2
2	6	3
8	7	0
2	7	1
9	7	1
2	7	2
10	7	3
2	8	0
11	8	0
2	8	1
12	8	2
2	8	3
13	8	3
2	9	0
14	9	1
2	9	1
15	9	2
2	9	3
16	9	3
2	10	0

17	10	0
2	10	1
18	10	2

6½ Sqr.

7	6	3
2	7	0
8	7	1
2	7	2
9	7	3
2	7	3
10	8	0
2	8	1
11	8	2
2	8	3
12	8	3
2	9	0
13	9	1
2	9	1
14	9	2
2	9	3
15	10	0
2	10	0
16	10	1
2	10	1
17	10	2
2	10	3
18	10	3

7 Inch Sqr.

2	7	1
8	7	2
2	7	3
9	8	0
2	8	1
10	8	1
2	8	2
11	8	3
2	9	0
12	9	1
2	9	1
13	9	2
2	9	3
14	10	0
2	10	0
15	10	1
2	10	2
16	10	2
2	10	3
17	11	0
2	11	0
18	11	1

7 ½ Sqr.

8	7	3
2	8	0
9	8	1
2	8	2
10	8	3
2	8	3
11	9	0
2	9	1
12	9	2
2	9	3
13	9	3
2	10	0
14	10	1
2	10	2
15	10	2
2	10	3
16	11	0
2	11	0
17	11	1
2	11	2
18	11	2

8 InchSqr.

2	8	1
9	8	2
2	8	3
10	9	0
2	9	1
11	9	2
2	9	2
12	9	3
2	10	0
13	10	1
2	10	2
14	10	2
2	10	3
15	11	0
2	11	1
16	11	1
2	11	2
17	11	3
2	11	3
18	12	0

8 ½ Sqr.

9	8	3
2	9	0
10	9	1
2	9	2
11	9	3
2	10	0
12	10	0
2	10	1

13	10	2
2	10	3
14	11	0
2	11	0
15	11	1
2	11	2
16	11	3
2	11	3
17	12	0
2	12	1
18	12	1

9 InchSqr.

2	9	1
10	9	2
2	9	3
11	10	0
2	10	1
12	10	2
2	10	2
13	10	3
2	11	0
14	11	1
2	11	2
15	11	2
2	11	3
16	12	0
2	12	1
17	12	1
2	12	2
18	12	3

9 ½ Sqr.

10	9	3
2	10	0
11	10	1
2	10	2
12	10	3
2	11	0
13	11	0
2	11	1
14	11	2
2	11	3
15	12	0
2	12	1
16	12	1
2	12	2
17	12	3
2	13	0
18	13	0
2	13	1
19	13	2

10 In. Sqr.

2	10	1
11	10	2
2	10	3
12	11	0
2	11	1
13	11	2
2	11	3
14	11	3
2	12	0
15	12	1
2	12	2
16	12	3
2	12	3
17	13	0
2	13	1
18	13	2
2	13	2
19	13	3
2	14	0
20	14	1

10 ½ Sqr.

11	10	3
2	11	0
12	11	1
2	11	2
13	11	3
2	12	0
14	12	0
2	12	1
15	12	2
2	12	3
16	13	0
2	13	1
17	13	1
2	13	2
18	13	3
2	14	0
19	14	0
2	14	1
20	14	2
2	14	3
21	14	3

11 In. Sqr.

2	11	1
12	11	2
2	11	3
13	12	0
2	12	1
14	12	2
2	12	3

15	12	3
2	13	0
16	13	1
2	13	2
17	13	3
2	13	3
18	14	0
2	14	1
19	14	2
2	14	3
20	14	3
2	15	0
21	15	1
2	15	1
22	15	2

11 ½ Sqr.

12	11	3
2	12	0
13	12	0
2	12	1
14	12	2
2	12	3
15	13	0
2	13	1
16	13	2
2	13	3
17	14	0
2	14	1
18	14	2
2	14	2
19	14	3
2	15	0
20	15	1
2	15	1
21	15	2
2	15	3
22	16	0
2	16	0
23	16	1

12 In. Sqr.

2	12	1
13	12	2
2	12	3
14	13	0
2	13	1
15	13	2
2	13	3
16	13	3
2	14	0
17	14	1
2	14	2

18	14	3
2	15	0
19	15	0
2	15	1
20	15	2
2	15	3
21	15	3
2	16	0
22	16	1
2	16	2
23	16	3
2	16	3
24	17	0

12 ½ Sqr.

13	12	3
2	13	0
14	13	1
2	13	2
15	13	3
2	14	0
16	14	1
2	14	1
17	14	2
2	14	3
18	15	0
2	15	0
19	15	1
2	15	2
20	15	3
2	16	0
21	16	1
2	16	2
22	16	2
2	16	3
23	17	0
2	17	1
24	17	1
2	17	2
25	17	3

13 In.Sqr.

2	13	1
14	13	2
2	13	3
15	14	0
2	14	1
16	14	2
2	14	3
17	14	3
2	15	0
18	15	1
2	15	2

19	15	2
2	15	3
20	16	0
2	16	1
21	16	2
2	16	3
22	17	0
2	17	0
23	17	1
2	17	2
24	17	3
2	17	3
25	18	0
2	18	1
26	18	2

13 ½ Sqr.

14	13	3
2	14	0
15	14	1
2	14	2
16	14	3
2	15	0
17	15	1
2	15	1
18	15	2
2	15	3
19	16	0
2	16	1
20	16	2
2	16	3
21	16	3
2	17	0
22	17	1
2	17	2
23	17	2
2	17	3
24	18	0
2	18	1
25	18	1
2	18	2
26	18	3
2	19	0
27	19	0

14 In. Sqr.

2	14	1
15	14	2
2	14	3
16	15	0
2	15	1
17	15	2
2	15	3

18	16	0
2	16	1
19	16	2
2	16	3
20	16	3
2	17	0
21	17	1
2	17	1
22	17	2
2	17	3
23	18	0
2	18	1
24	18	1
2	18	2
25	18	3
2	19	0
26	19	0
2	19	1
27	19	2
2	19	2
28	19	3

14 ½ Sqr.

15	14	3
2	15	0
16	15	1
2	15	2
17	15	3
2	16	0
18	16	1
2	16	2
19	16	2
2	16	3
20	17	0
2	17	1
21	17	2
2	17	3
22	17	3
2	18	0
23	18	1
2	18	2
24	18	3
2	18	3
25	19	0
2	19	1
26	19	2
2	19	2
27	19	3
2	20	0
28	20	1
2	20	1
29	20	2

15 In. Sqr.

2	15	1
16	15	2
2	15	3
17	16	0
2	16	1
18	16	2
2	16	3
19	17	0
2	17	0
20	17	1
2	17	2
21	17	3
2	18	0
22	18	1
2	18	1
23	18	2
2	18	3
24	19	0
2	19	1
25	19	1
2	19	2
26	19	3
2	20	0
27	20	1
2	20	1
28	20	2
2	20	3
29	20	3
2	21	0
30	21	1

15 ½ Sqr.

16	15	3
2	16	0
17	16	1
2	16	2
18	16	3
2	17	0
19	17	1
2	17	2
20	17	2
2	17	3
21	18	0
2	18	1
22	18	2
2	18	3
23	18	3
2	19	0
24	19	1
2	19	2
25	19	3
2	19	3

26	20	0
2	20	1
27	20	2
2	20	3
28	20	3
2	21	0
29	21	1
2	21	2
30	21	3
2	21	3
31	22	0

16 In. Sqr.

2	16	1
17	16	2
2	16	3
18	17	0
2	17	1
19	17	2
2	17	3
20	18	0
2	18	0
21	18	1
2	18	2
22	18	3
2	19	0
23	19	1
2	19	2
24	19	2
2	19	3
25	20	0
2	20	1
26	20	2
2	20	2
27	20	3
2	21	0
28	21	1
2	21	1
29	21	2
2	21	3
30	22	0
2	22	0
31	22	1
2	22	2
32	22	3

16 ½ Sqr.

17	16	3
2	17	0
18	17	1
2	17	2
19	17	3
2	18	0

20	18	1	29	22	1	20	19	0
2	18	2	2	22	2	2	19	1
21	18	2	30	22	2	21	19	2
2	18	3	2	22	3	2	19	3
22	19	0	31	23	0	22	20	0
2	19	1	2	23	1	2	20	1
23	19	2	32	23	1	23	20	1
2	19	3	2	23	2	2	20	2
24	20	0	33	23	3	24	20	3
2	20	0	2	23	3	2	21	0
25	20	1	34	24	0	25	21	1
2	20	2				2	21	2
26	20	3	**17 ½ Sqr.**			26	21	2
2	20	3	18	17	3	2	21	3
27	21	0	2	18	0	27	22	0
2	21	1	19	18	1	2	22	1
28	21	2	2	18	2	28	22	2
2	21	3	20	18	3	2	22	3
29	21	3	2	19	0	29	22	3
2	22	0	21	19	1	2	23	0
30	22	1	2	19	2	30	23	1
2	22	2	22	19	2	2	23	2
31	22	2	2	19	3	31	23	2
2	22	3	23	20	0	2	23	3
32	23	0	2	20	1	32	24	0
2	23	1	24	20	2	2	24	1
33	23	1	2	20	3	33	24	1
			25	21	0	2	24	2
			2	21	0	34	24	3
17 In.Sqr.			26	21	1	2	25	0
2	17	1	2	21	2	35	25	1
18	17	2	27	21	3	2	25	2
2	17	3	2	22	0	36	25	3
19	18	0	28	22	1			
2	18	1	2	22	1	**18 ½ Sqr.**		
20	18	2	29	22	2	19	18	3
2	18	3	2	22	3	2	19	0
21	19	0	30	23	0	20	19	1
2	19	0	2	23	0	2	19	2
22	19	1	31	23	1	21	19	3
2	19	2	2	23	2	2	20	0
23	19	3	32	23	3	22	20	1
2	20	0	2	23	3	2	20	2
24	20	1	33	24	0	23	20	3
2	20	2	2	24	1	2	20	3
25	20	2	34	24	2	24	21	0
2	20	3	2	24	2	2	21	1
26	21	0	35	24	3	25	21	2
2	21	1				2	21	3
27	21	2	**18 In.Sqr.**			26	22	0
2	21	2	2	18	1	2	22	1
28	21	3	19	18	2	27	22	1
2	22	0	2	18	3	2	22	2

28	22	3
2	23	0
29	23	1
2	23	1
30	23	2
2	23	3
31	24	0
2	24	1
32	24	1
2	24	2
33	24	3
2	25	0
34	25	0
2	25	1
35	25	2
2	25	3
36	25	3
2	26	0
37	26	1

19 In. Sqr.

2	19	1
20	19	2
2	19	3
21	20	0
2	20	1
22	20	2
2	20	3
23	21	0
2	21	1
24	21	1
2	21	2
25	21	3
2	22	0
26	22	1
2	22	2
27	22	3
2	22	3
28	23	0
2	23	1
29	23	2
2	23	3
30	23	3
2	24	0
31	24	1
2	24	2
32	24	3
2	24	3
33	25	0
2	25	1
34	25	2
2	25	2

35	25	3
2	26	0
36	26	1
2	26	1
37	26	2
2	26	3
38	26	3

19 ½ Sqr.

20	19	3
2	20	0
21	20	1
2	20	2
22	20	3
2	21	0
23	21	1
2	21	2
24	21	3
2	21	3
25	22	0
2	22	1
26	22	2
2	22	3
27	23	0
2	23	1
28	23	1
2	23	2
29	23	3
2	24	0
30	24	1
2	24	2
31	24	2
2	24	3
32	25	0
2	25	1
33	25	1
2	25	2
34	25	3
2	26	0
35	26	0
2	26	1
36	26	2
2	26	3
37	26	3
2	27	0
38	27	1
2	27	2
39	27	2

20 In. Sqr.

2	20	1
21	20	2
2	20	3

22	21	0
2	21	1
23	21	2
2	21	3
24	22	0
2	22	1
25	22	1
2	22	2
26	22	3
2	23	0
27	23	1
2	23	2
28	23	3
2	23	3
29	24	0
2	24	1
30	24	2
2	24	3
31	25	0
2	25	0
32	25	1
2	25	2
33	25	3
2	26	0
34	26	0
2	26	1
35	26	2
2	26	3
36	26	3
2	27	0
37	27	1
2	27	2
38	27	2
2	27	3
39	28	0
2	28	0
40	28	1

20 ½ Sqr.

21	20	3
2	21	0
22	21	1
2	21	2
23	21	3
2	22	0
24	22	1
2	22	2
25	22	3
2	22	3
26	23	0
2	23	1
27	23	2
2	23	3

28	24	0	33	26	1	38	28	2
2	24	1	2	26	2	2	28	3
29	24	1	34	26	3	39	29	0
2	24	2	2	27	0	2	29	1
30	24	3	35	27	0	40	29	1
2	25	0	2	27	1	2	29	2
31	25	1	36	27	2	41	29	3
2	25	2	2	27	3	2	29	3
32	25	2	37	27	3	42	30	0
2	25	3	2	28	0	2	30	1
33	26	0	38	28	1	43	30	2
2	26	1	2	28	2	**22 In. Sqr.**		
34	26	2	39	28	2	2	22	1
2	26	2	2	28	3	23	22	2
35	26	3	40	29	0	2	22	3
2	27	0	2	29	1	24	23	0
36	27	1	41	29	1	2	23	1
2	27	1	2	29	2	25	23	2
37	27	2	42	29	3	2	23	3
2	27	3				26	24	0
38	28	0	**21½ Sqr.**			2	24	1
2	28	1	22	21	3	27	24	1
39	28	2	2	22	0	2	24	2
2	28	3	23	22	1	28	24	3
40	28	3	2	22	2	2	25	0
2	29	0	24	22	3	29	25	1
41	29	1	2	23	0	2	25	2
			25	23	1	30	25	3
21 In. Sqr.			2	23	2	2	26	0
			26	23	3	31	26	0
2	21	1	2	23	3	2	26	1
22	21	2	27	24	0	32	26	2
2	21	3	2	24	1	2	26	3
23	22	0	28	24	2	33	27	0
2	22	1	2	24	3	2	27	1
24	22	2	29	25	0	34	27	1
2	22	3	2	25	1	2	27	2
25	23	0	30	25	2	35	27	3
2	23	1	2	25	2	2	28	0
26	23	1	31	25	3	36	28	1
2	23	2	2	26	0	2	28	1
27	23	3	32	26	1	37	28	2
2	24	0	2	26	2	2	28	3
28	24	1	33	26	3	38	29	0
2	24	2	2	26	3	2	29	0
29	24	3	34	27	0	39	29	1
2	25	0	2	27	1	2	29	2
30	25	0	35	27	2	40	29	3
2	25	1	2	27	3	2	29	3
31	25	2	36	27	3	41	30	0
2	25	3	2	28	0	2	30	1
32	26	0	37	28	1	42	30	2
2	26	0	2	28	2	2	30	2

43	30	3
2	31	0
44	31	0

22 ½ Sqr.

23	22	3
2	23	0
24	23	1
2	23	2
25	23	3
2	24	0
26	24	1
2	24	2
27	24	3
2	24	3
28	25	0
2	25	1
29	25	2
2	25	3
30	26	0
2	26	1
31	26	2
2	26	2
32	26	3
2	27	0
33	27	1
2	27	2
34	27	3
2	27	3
35	28	0
2	28	1
36	28	2
2	28	3
37	28	3
2	29	0
38	29	1
2	29	2
39	29	2
2	29	3
40	30	0
2	30	1
41	30	1
2	30	2
42	30	3
2	31	0
43	31	0
2	31	1
44	31	2
2	31	3
45	31	3

23 In. Sqr.

2	23	1

24	23	2
2	23	3
25	24	0
2	24	1
26	24	2
2	24	3
27	25	0
2	25	1
28	25	2
2	25	2
29	25	3
2	26	0
30	26	1
2	26	2
31	26	3
2	27	0
32	27	1
2	27	1
33	27	2
2	27	3
34	28	0
2	28	1
35	28	1
2	28	2
36	28	3
2	29	0
37	29	1
2	29	1
38	29	2
2	29	3
39	30	0
2	30	1
40	30	2
2	30	3
41	31	0
2	31	0
42	31	1
2	31	2
43	31	2
2	31	3
44	32	0
2	32	1
45	32	1
2	32	2
46	32	3

23 ½ Sqr.

24	23	3
2	24	0
25	24	1
2	24	2
26	24	3
2	25	0

27	25	1
2	25	2
28	25	3
2	25	3
29	26	0
2	26	1
30	26	2
2	26	3
31	27	0
2	27	1
32	27	2
2	27	3
33	27	3
2	28	0
34	28	1
2	28	2
35	28	3
2	29	0
36	29	0
2	29	1
37	29	2
2	29	3
38	29	3
2	30	0
39	30	1
2	30	2
40	30	3
2	30	3
41	31	0
2	31	1
42	31	2
2	31	2
43	31	3
2	32	0
44	32	1
2	32	1
45	32	2
2	32	3
46	33	0
2	33	0
47	33	1

24 In. Sqr.

2	24	1
25	24	2
2	24	3
26	25	0
2	25	1
27	25	2
2	25	3
28	26	0
2	26	1

29	26	2	31	27	2	32	28	1
2	26	2	2	27	3	2	28	2
30	26	3	32	28	0	33	28	3
2	27	0	2	28	1	2	29	0
31	27	1	33	28	2	34	29	1
2	27	2	2	28	3	2	29	1
32	27	3	34	28	3	35	29	2
2	28	0	2	29	0	2	29	3
33	28	1	35	29	1	36	30	0
2	28	1	2	29	2	2	30	1
34	28	2	36	29	3	37	30	2
2	28	3	2	30	0	2	30	2
35	29	0	37	30	0	38	30	3
2	29	1	2	30	1	2	31	0
36	29	2	38	30	2	39	31	1
2	29	2	2	30	3	2	31	2
37	29	3	39	31	0	40	31	2
2	30	0	2	31	0	2	31	3
38	30	1	40	31	1	41	32	0
2	30	2	2	31	2	2	32	1
39	30	2	41	31	3	42	32	2
2	30	3	2	31	3	2	32	2
40	31	0	42	32	0	43	32	3
2	31	1	2	32	1	2	33	0
41	31	1	43	32	2	44	33	1
2	31	2	2	32	3	2	33	1
42	31	3	44	32	3	45	33	2
2	32	0	2	33	0	2	33	3
43	32	0	45	33	1	46	34	0
2	32	1	2	33	2	2	34	0
44	32	2	46	33	2	47	34	1
2	32	3	2	33	3	2	34	2
45	33	0	47	34	0	48	34	3
2	33	0	2	34	0	2	34	3
46	33	1	48	34	1	49	35	0
2	33	2	2	34	2	2	35	1
47	33	2	49	34	3	50	35	1
2	33	3						
48	34	0						

24 ½ Sqr.

25	24	3
2	25	0
26	25	1
2	25	2
27	25	3
2	26	0
28	26	1
2	26	2
29	26	3
2	27	0
30	27	0
2	27	1

25 In. Sqr.

2	25	1
26	25	2
2	25	3
27	26	0
2	26	1
28	26	2
2	26	3
29	27	0
2	27	1
30	27	1
2	27	2
31	27	3
2	28	0

25 ½ Sqr.

26	25	3
2	26	0
27	26	1
2	26	2
28	26	3
2	27	0
29	27	1
2	27	3
30	27	3
2	27	3
31	28	0
2	28	1
32	28	2
2	28	3

33	29	0
2	29	1
34	29	2
2	29	3
35	29	3
2	30	0
36	30	1
2	30	2
37	30	3
2	31	0
38	31	1
2	31	1
39	31	2
2	31	3
40	32	0
2	32	0
41	32	1
2	32	2
42	32	3
2	33	0
43	33	0
2	33	1
44	33	2
2	33	3
45	33	3
2	34	0
46	34	1
2	34	2
47	34	2
2	34	3
48	35	0
2	35	1
49	35	1
2	35	2
50	35	3
2	35	3
51	36	0

26 In. Sqr.

2	26	1
27	26	2
2	26	3
28	27	0
2	27	1
29	27	2
2	27	3
30	28	0
2	28	1
31	28	2
2	28	2
32	28	3
2	29	0

33	29	1
2	29	2
34	29	3
2	30	0
35	30	1
2	30	2
36	30	2
2	30	3
37	31	0
2	31	1
38	31	2
2	31	3
39	31	3
2	32	0
40	32	1
2	32	2
41	32	3
2	32	3
42	33	0
2	33	1
43	33	2
2	33	3
44	33	3
2	34	0
45	34	1
2	34	2
46	34	2
2	34	3
47	35	0
2	35	1
48	35	1
2	35	2
49	35	3
2	35	3
50	36	0
2	36	1
51	36	2
2	36	2
52	36	3

26 ½ Sqr.

27	26	3
2	27	0
28	27	1
2	27	2
29	27	3
2	28	0
30	28	1
2	28	2
31	28	3
2	28	3
32	29	0
2	29	1

33	29	2
2	29	3
34	30	0
2	30	1
35	30	2
2	30	3
36	31	0
2	31	0
37	31	1
2	31	2
38	31	3
2	32	0
39	32	1
2	32	1
40	32	2
2	32	3
41	33	0
2	33	1
42	33	1
2	33	2
43	33	3
2	34	0
44	34	1
2	34	1
45	34	2
2	34	3
46	35	0
2	35	0
47	35	1
2	35	2
48	35	3
2	35	3
49	36	0
2	36	1
50	36	2
2	36	2
51	36	3
2	37	0
52	37	0
2	37	1
53	37	2

27 In. Sqr.

2	27	1
28	27	2
2	27	3
29	28	0
2	28	1
30	28	2
2	28	3
31	29	0
2	29	1

32	29	2	31	29	1	30	29	0
2	29	2	2	29	2	2	29	1
33	29	3	32	29	3	31	29	2
2	30	0	2	29	3	2	29	3
34	30	1	33	30	0	32	30	0
2	30	2	2	30	1	2	30	1
35	30	3	34	30	2	33	30	2
2	31	0	2	30	3	2	30	3
36	31	1	35	31	0	34	30	3
2	31	2	2	31	1	2	31	0
37	31	2	36	31	2	35	31	1
2	31	3	2	31	3	2	31	2
38	32	0	37	32	0	36	31	3
2	32	1	2	32	0	2	32	0
39	32	2	38	32	1	37	32	1
2	32	3	2	32	2	2	32	2
40	32	3	39	32	3	38	32	2
2	33	0	2	33	0	2	32	3
41	33	1	40	33	1	39	33	0
2	33	2	2	33	1	2	33	1
42	33	3	41	33	2	40	33	2
2	33	3	2	33	3	2	33	3
43	34	0	42	34	0	41	34	0
2	34	1	2	34	1	2	34	0
44	34	2	43	34	2	42	34	1
2	34	3	2	34	2	2	34	2
45	34	3	44	34	3	43	34	3
2	35	0	2	35	0	2	35	0
46	35	1	45	35	1	44	35	0
2	35	2	2	35	1	2	35	1
47	35	2	46	35	2	45	35	2
2	35	3	2	35	3	2	35	3
48	36	0	47	36	0	46	36	0
2	36	1	2	36	1	2	36	0
49	36	2	48	36	1	47	36	1
2	36	2	2	36	2	2	36	2
50	36	3	49	36	3	48	36	3
2	37	0	2	37	0	2	36	3
51	37	0	50	37	0	49	37	0
2	37	1	2	37	1	2	37	1
52	37	2	51	37	2	50	37	2
2	37	3	2	37	3	2	37	2
53	37	3	52	37	3	51	37	3
2	38	0	2	38	0	2	38	0
54	38	1	53	38	1	52	38	1
			2	38	1	2	38	1
27½ Sqr.			54	38	2	53	38	2
28	27	3				2	38	3
2	28	0	28 In. Sqr.			54	39	0
29	28	1						
2	28	2	2	28	1	28½ Sqr.		
30	28	3	29	28	2	29	28	3
2	29	0	2	28	3	2	29	0

30	29	1	30	29	2	31	30	1
2	29	2	2	29	3	2	30	2
31	29	3	31	30	0	32	30	3
2	30	0	2	30	1	2	31	0
32	30	1	32	30	2	33	31	1
2	30	2	2	30	3	2	31	2
33	30	3	33	31	0	34	31	3
2	31	0	2	31	1	2	32	0
34	31	1	34	31	2	35	32	0
2	31	1	2	31	3	2	32	1
35	31	2	35	31	3	36	32	2
2	31	3	2	32	0	2	32	3
36	32	0	36	32	1	37	33	0
2	32	1	2	32	2	2	33	1
37	32	2	37	32	3	38	33	2
2	32	3	2	33	0	2	33	3
38	33	0	38	33	1	39	34	0
2	33	0	2	33	2	2	34	1
39	33	1	39	33	3	40	34	1
2	33	2	2	33	3	2	34	2
40	33	3	40	34	0	41	34	3
2	34	0	2	34	1	2	35	0
41	34	1	41	34	2	42	35	1
2	34	2	2	34	3	2	35	2
42	34	2	42	35	0	43	35	2
2	34	3	2	35	0	2	35	3
43	35	0	43	35	1	44	36	0
2	35	1	2	35	2	2	36	1
44	35	2	44	35	3	45	36	2
2	35	2	2	36	0	2	36	3
45	35	3	45	36	0	46	36	3
2	36	0	2	36	1	2	37	0
46	36	1	46	36	2	47	37	1
2	36	2	2	36	3	2	37	2
47	36	2	47	37	0	48	37	3
2	36	3	2	37	0	2	37	3
48	37	0	48	37	1	49	38	0
2	37	1	2	37	2	2	38	1
49	37	1	49	37	3	50	38	2
2	37	2	2	38	0	2	38	2
50	37	3	50	38	0	51	38	3
2	38	0	2	38	1	2	39	0
51	38	0	51	38	2	52	39	1
2	38	1	2	38	3	2	39	1
52	38	2	52	38	3	53	39	2
2	38	3	2	39	0	2	39	3
53	38	3	53	39	1	54	40	0
2	39	0	2	39	2			
54	39	1	54	39	2			
29 In. Sqr.			**29 ½ Sqr.**			**30 In.Sqr.**		
2	29	1	30	29	3	2	30	1
			2	30	0	31	30	2
						2	30	3

32	31	0
2	31	1
33	31	2
2	31	3
34	32	0
2	32	1
35	32	2
2	32	3
36	32	3
2	33	0
37	33	1
2	33	2
38	33	3
2	34	0
39	34	1
2	34	2
40	34	3
2	34	3
41	35	0
2	35	1
42	35	2
2	35	3
43	36	0
2	36	0
44	36	1
2	36	2
45	36	3
2	37	0
46	37	1
2	37	1
47	37	2
2	37	3
48	38	0
2	38	1
49	38	1
2	38	2
50	38	3
2	39	0
51	39	0
2	39	1
52	39	2
2	39	3
53	39	3
2	40	0
54	40	1

30 ½ Sqr.

31	30	3
2	31	0
32	31	1
2	31	2
33	31	3
2	32	0

34	32	1
2	32	2
35	32	3
2	33	0
36	33	1
2	33	1
37	33	2
2	33	3
38	34	0
2	34	1
39	34	2
2	34	3
40	35	0
2	35	1
41	35	1
2	35	2
42	35	3
2	36	0
43	36	1
2	36	2
44	36	3
2	36	3
45	37	0
2	37	1
46	37	2
2	37	3
47	37	3
2	38	0
48	38	1
2	38	2
49	38	3
2	38	3
50	39	0
2	39	1
51	39	2
2	39	2
52	39	3
2	40	0
53	40	1
2	40	2
54	40	2

31 In. Sqr.

2	31	1
32	31	2
2	31	3
33	32	0
2	32	1
34	32	2
2	32	3
35	33	0
2	33	1

36	33	2
2	33	3
37	33	3
2	34	0
38	34	1
2	34	2
39	34	3
2	35	0
40	35	1
2	35	2
41	35	3
2	35	3
42	36	0
2	36	1
43	36	2
2	36	3
44	37	0
2	37	1
45	37	1
2	37	2
46	37	3
2	38	0
47	38	1
2	38	1
48	38	2
2	38	3
49	39	0
2	39	1
50	39	1
2	39	2
51	39	3
2	40	0
52	40	1
2	40	1
53	40	2
2	40	3
54	41	0

31 ½ Sqr.

32	31	3
2	32	0
33	32	1
2	32	2
34	32	3
2	33	0
35	33	1
2	33	2
36	33	3
2	34	0
37	34	1
2	34	1
38	34	2
2	34	3

39	35	0
2	35	1
40	35	2
2	35	3
41	36	0
2	36	1
42	36	1
2	36	2
43	36	3
2	37	0
44	37	1
2	37	2
45	37	3
2	37	3
46	38	0
2	38	1
47	38	2
2	38	3
48	39	0
2	39	0
49	39	1
2	39	2
50	39	3
2	40	0
51	40	0
2	40	1
52	40	2
2	40	3
53	40	3
2	41	0
54	41	1

32 In. Sqr.

2	32	1
33	32	2
2	32	3
34	33	0
2	33	1
35	33	2
2	33	3
36	34	0
2	34	1
37	34	2
2	34	3
38	34	3
2	35	0
39	35	1
2	35	2
40	35	3
2	36	0
41	36	1
2	36	2

42	36	3
2	37	0
13	37	0
2	37	1
44	37	2
2	37	3
45	38	0
2	38	1
46	38	1
2	38	2
47	38	3
2	39	0
48	39	1
2	39	2
49	39	2
2	39	3
50	40	0
2	40	0
51	40	1
2	40	2
52	40	3
2	40	3
53	41	0
2	41	1
54	41	2

32 ½ Sqr.

33	32	3
2	33	0
34	33	1
2	33	2
35	33	3
2	34	0
36	34	1
2	34	2
37	34	3
2	35	0
38	35	1
2	35	2
39	35	2
2	35	3
40	36	0
2	36	1
41	36	2
2	36	3
42	37	0
2	37	1
43	37	2
2	37	2
44	37	3
2	38	0
45	38	1
2	38	2

46	38	3
2	38	3
47	39	0
2	39	1
48	39	2
2	39	3
49	40	0
2	40	0
50	40	1
2	40	2
51	40	3
2	41	0
52	41	0
2	41	1
53	41	2
2	41	3
54	42	0

33 In. Sqr.

2	33	1
34	33	2
2	33	3
35	34	0
2	34	1
36	34	2
2	34	3
37	35	0
2	35	1
38	35	2
2	35	3
39	35	3
2	36	0
40	36	1
2	36	2
41	36	3
2	37	0
42	37	1
2	37	2
43	37	3
2	38	0
44	38	0
2	38	1
45	38	2
2	38	2
46	38	3
2	39	0
47	39	1
2	39	2
48	39	3
2	39	3
49	40	0
2	40	1

50	40	2
2	40	3
51	40	3
2	41	0
52	41	1
2	41	1
53	41	2
2	41	3
54	42	0

33 ½ Sqr.

34	33	3
2	34	0
35	34	1
2	34	2
36	34	3
2	35	0
37	35	1
2	35	2
38	35	3
2	36	0
39	36	1
2	36	2
40	36	2
2	36	3
41	37	0
2	37	1
42	37	2
2	37	3
43	38	0
2	38	1
44	38	2
2	38	2
45	38	3
2	39	0
46	39	1
2	39	2
47	39	3
2	40	0
48	40	0
2	40	1
49	40	2
2	40	3
50	41	0
2	41	1
51	41	1
2	41	2
52	41	3
2	42	0
53	42	1
2	42	1
54	42	2

34 In. Sqr.

2	34	1
35	34	2
2	34	3
36	35	0
2	35	1
37	35	2
2	35	2
38	35	3
2	36	0
39	36	1
2	36	2
40	36	3
2	37	0
41	37	1
2	37	2
42	37	3
2	38	0
43	38	0
2	38	1
44	38	2
2	38	3
45	39	0
2	39	1
46	39	2
2	39	3
47	40	0
2	40	1
48	40	2
2	40	2
49	40	3
2	41	0
50	41	1
2	41	2
51	41	3
2	41	3
52	42	0
2	42	1
53	42	2
2	42	3
54	42	3

34 ½ Sqr.

35	34	3
2	35	0
36	35	1
2	35	2
37	35	3
2	36	0
38	36	1
2	36	2
39	36	3
2	37	0

40	37	1
2	37	2
41	37	2
2	37	3
42	38	0
2	38	1
43	38	2
2	38	3
44	39	0
2	39	1
45	39	2
2	39	2
46	39	3
2	40	0
47	40	1
2	40	2
48	40	3
2	41	0
49	41	0
2	41	1
50	41	2
2	41	3
51	42	0
2	42	1
52	42	1
2	42	2
53	42	3
2	43	0
54	43	1

35 In. Sqr.

2	35	1
36	35	2
2	35	3
37	36	0
2	36	1
38	36	2
2	36	3
39	37	0
2	37	1
40	37	2
2	37	3
41	38	0
2	38	0
42	38	1
2	38	2
43	38	3
2	39	0
44	39	1
2	39	2
45	39	3
2	40	0
46	40	0
2	40	1

C

47	40	2
2	40	3
48	41	0
2	41	1
49	41	2
2	41	2
50	41	3
2	42	0
51	42	1
2	42	2
52	42	3
2	42	3
53	43	0
2	43	1
54	43	2

35½ Sqr.

36	35	3
2	36	0
37	36	1
2	36	2
38	36	3
2	37	0
39	37	1
2	37	2
40	37	3
2	38	0
41	38	1
2	38	2
42	38	2
2	38	3
43	39	0
2	39	1
44	39	2
2	39	3
45	40	0
2	40	1
46	40	2
2	40	2
47	40	3
2	41	0
48	41	1
2	41	2
49	41	3
2	42	0
50	42	1
2	42	1
51	42	2
2	42	3
52	43	0
2	43	1
53	43	1
2	43	2
54	43	3

30 In Sqr.

2	36	1
37	36	2
2	36	3
38	37	0
2	37	1
39	37	2
2	37	3
40	38	0
2	38	1
41	38	2
2	38	3
42	39	0
2	39	0
43	39	1
2	39	2
44	39	3
2	40	0
45	40	1
2	40	2
46	40	3
2	41	0
47	41	1
2	41	1
48	41	2
2	41	3
49	42	0
2	42	1
50	42	2
2	42	3
51	42	3
2	43	0
52	43	1
2	43	2
53	43	3
2	44	0
54	44	0

36½ Sqr.

37	36	3
2	37	0
38	37	1
2	37	2
39	37	3
2	38	0
40	38	1
2	38	2
41	38	3
2	39	0
42	39	1
2	39	2
43	39	2
2	39	3

44	40	0
2	40	1
45	40	2
2	40	3
46	41	0
2	41	1
47	41	2
2	41	3
48	41	3
2	42	0
49	42	1
2	42	2
50	42	3
2	43	0
51	43	1
2	43	1
52	43	2
2	43	3
53	44	0
2	44	0
54	44	1

37 In. Sqr.

2	37	1
38	37	2
2	37	3
39	38	0
2	38	1
40	38	2
2	38	3
41	39	0
2	39	1
42	39	2
2	39	3
43	40	0
2	40	0
44	40	1
2	40	2
45	40	3
2	41	0
46	41	1
2	41	2
47	41	3
2	42	0
48	42	1
2	42	1
49	42	2
2	42	3
50	43	0
2	43	1
51	43	2
2	43	3
52	43	3
2	44	0

53	44	1	45	41	1	**39 In. Sqr.**		
2	44	2	2	41	2	2	39	1
54	44	2	46	41	3	40	39	2
2	44	3	2	42	0	2	39	3
37½ Sqr.			47	42	1	41	40	0
38	37	3	2	42	1	2	40	1
2	38	0	48	42	2	42	40	2
39	38	1	2	42	3	2	40	3
2	38	2	49	43	0	43	41	0
40	38	3	2	43	1	2	41	1
2	39	0	50	43	2	44	41	2
41	39	1	2	43	3	2	41	3
2	39	2	51	44	0	45	42	0
42	39	3	2	44	0	2	42	0
2	40	0	52	44	1	46	42	1
43	40	1	2	44	2	2	42	2
2	40	2	53	44	3	47	42	3
44	40	3	2	45	0	2	43	0
2	40	3	54	45	1	48	43	1
45	41	0				2	43	2
2	41	1	**38½ Sqr.**			49	43	3
46	41	2				2	44	0
2	41	3	39	38	3	50	44	1
47	42	0	2	39	0	2	44	1
2	42	1	40	39	1	51	44	2
48	42	2	2	39	2	2	44	3
2	42	3	41	39	3	52	45	0
49	42	3	2	40	0	2	45	1
2	43	0	42	40	1	53	45	2
50	43	1	2	40	2	2	45	3
2	43	2	43	40	3	54	46	0
51	43	3	2	41	0			
2	44	0	44	41	1	**39½ Sqr.**		
52	44	1	2	41	2	40	39	3
2	44	1	45	41	2	2	40	0
53	44	2	2	41	3	41	40	1
2	44	3	46	42	0	2	40	2
54	45	0	2	42	1	42	40	3
38 In. Sqr.			47	42	2	2	41	0
2	38	1	2	42	3	43	41	1
39	38	2	48	43	0	2	41	2
2	38	3	2	43	1	44	41	3
40	39	0	49	43	2	2	42	0
2	39	1	2	43	3	45	42	1
41	39	2	50	43	3	2	42	2
2	39	3	2	44	0	46	42	3
42	40	0	51	44	1	2	42	3
2	40	1	2	44	3	47	43	0
43	40	2	52	44	3	2	43	1
2	40	3	2	45	0	48	43	2
44	41	0	53	45	1	2	43	3
2	41	0	2	45	1	49	44	0
			54	45	2	2	44	1

50	44	2	47	43	2	46	43	3
2	44	3	2	43	3	2	44	0
51	45	0	48	44	0	47	44	1
2	45	0	2	44	1	2	44	2
52	45	1	49	44	2	48	44	3
2	45	2	2	44	3	2	44	3
53	45	3	50	45	0	49	45	0
2	46	0	2	45	1	2	45	1
54	46	1	51	45	2	50	45	2
40 In. Sqr.			2	45	3	2	45	3
2	40	1	52	46	0	51	46	0
41	40	2	2	46	0	2	46	1
2	40	3	53	46	1	52	46	2
42	41	0	2	46	2	2	46	3
2	41	1	54	46	3	53	47	0
43	41	2	**41 In. Sqr.**			2	47	0
2	41	3	2	41	1	54	47	1
44	42	0	42	41	2	**42 In. Sqr.**		
2	42	1	2	41	3	2	42	1
45	42	2	43	42	0	43	42	2
2	42	3	2	42	1	2	42	3
46	43	0	44	42	2	44	43	0
2	43	1	2	42	3	2	43	1
47	43	1	45	43	0	45	43	2
2	43	2	2	43	1	2	43	3
48	43	3	46	43	2	46	44	0
2	44	0	2	43	3	2	44	1
49	44	1	47	44	0	47	44	2
2	44	2	2	44	1	2	44	3
50	44	3	48	44	1	48	45	0
2	45	0	2	44	2	2	45	1
51	45	1	49	44	3	49	45	1
2	45	2	2	45	0	2	45	2
52	45	2	50	45	1	50	45	3
2	45	3	2	45	2	2	46	0
53	46	0	51	45	3	51	46	1
2	46	1	2	46	0	2	46	2
54	46	2	52	46	1	52	46	3
40 ½ Sqr.			2	46	2	2	47	0
41	40	3	53	46	2	53	47	1
2	41	0	2	46	3	2	47	2
42	41	1	54	47	0	54	47	2
2	41	2	**41 ½ Sqr.**			**42 ½ Sqr.**		
43	41	3	42	41	3	43	42	3
2	42	0	2	42	0	2	43	0
44	42	1	43	42	1	44	43	1
2	42	2	2	42	2	2	43	2
45	42	3	44	42	3	45	43	3
2	43	0	2	43	0	2	44	0
46	43	1	45	43	1	46	44	1
2	43	2	2	43	2	2	44	2

47	44	3
2	45	0
48	45	1
2	45	2
49	45	2
2	45	3
50	46	0
2	46	1
51	46	2
2	46	3
52	47	0
2	47	1
53	47	2
2	47	3
54	48	0

43 In. Sqr.

2	43	1
44	43	2
2	43	3
45	44	0
2	44	1
46	44	2
2	44	3
47	45	0
2	45	1
48	45	2
2	45	3
49	46	0
2	46	1
50	46	1
2	46	2
51	46	3
2	47	0
52	47	1
2	47	2
53	47	3
2	48	0
54	48	1

43 ½ Sqr.

44	43	3
2	44	0
45	44	1
2	44	2
46	44	3
2	45	0
47	45	1
2	45	2
48	45	3
2	46	0
49	46	1
2	46	2

50	46	3
2	46	3
51	47	0
2	47	1
52	47	2
2	47	3
53	48	0
2	48	1
54	48	2

44 In. Sqr.

2	44	1
45	44	2
2	44	3
46	45	0
2	45	1
47	45	2
2	45	3
48	46	0
2	46	1
49	46	2
2	46	3
50	47	0
2	47	1
51	47	1
2	47	2
52	47	3
2	48	0
53	48	1
2	48	2
54	48	3

44 ½ Sqr.

45	44	3
2	45	0
46	45	1
2	45	2
47	45	3
2	46	0
48	46	1
2	46	2
49	46	3
2	47	0
50	47	1
2	47	2
51	47	3
2	47	3
52	48	0
2	48	1
53	48	2
2	48	3
54	49	0

45 In. Sqr.

2	45	1
46	45	2
2	45	3
47	46	0
2	46	1
48	46	2
2	46	3
49	47	0
2	47	1
50	47	2
2	47	3
51	48	0
2	48	1
52	48	1
2	48	2
53	48	3
2	49	0
54	49	1

45 ½ Sqr.

46	45	3
2	46	0
47	46	1
2	46	2
48	46	3
2	47	0
49	47	1
2	47	2
50	47	3
2	48	0
51	48	1
2	48	2
52	48	3
2	48	3
53	49	0
2	49	1
54	49	2

46 In. Sqr.

2	46	1
47	46	2
2	46	3
48	47	0
2	47	1
49	47	2
2	47	3
50	48	0
2	48	1
51	48	2
2	48	3
52	49	0
2	49	0

53	49	1
2	49	2
54	49	3

46 ½ Sqr.

47	16	3
2	47	0
48	47	1
2	47	2
49	47	3
2	48	0
50	48	1
2	48	2
51	48	3
2	49	0
52	49	1
2	49	2
53	49	3
2	49	3
54	50	0

47 In. Sqr.

2	47	1
48	47	2
2	47	3
49	48	0
2	48	1
50	48	2
2	48	3
51	49	0
2	49	1
52	49	2
2	49	3
53	50	0
2	50	1
54	50	2

47 ½ Sqr.

48	47	3
2	48	0
49	48	1
2	48	2
50	48	3
2	49	0
51	49	1
2	49	2
52	49	3
2	50	0
53	50	1
2	50	2
54	50	3

48 In. Sqr.

2	48	1

49	48	2
2	48	3
50	49	0
2	49	1
51	49	2
2	49	3
52	50	0
2	50	1
53	50	2
2	50	3
54	51	0

48 ½ Sqr.

49	48	3
2	49	0
50	49	1
2	49	2
51	49	3
2	50	0
52	50	1
2	50	2
53	50	3
2	51	0
54	51	1

49 In. Sqr.

2	49	1
50	49	2
2	49	3
51	50	0
2	50	1
52	50	2
2	50	3
53	51	0
2	51	1
54	51	2

49 ½ Sqr.

50	49	3
2	50	0
51	50	1
2	50	2
52	50	3
2	51	0
53	51	1
2	51	2
54	51	3

50 In. Sqr.

2	50	1
51	50	2
2	50	3
52	51	0
2	51	1

53	51	2
2	51	3
54	52	0

50 ½ Sqr.

51	50	3
2	51	0
52	51	1
2	51	2
53	51	3
2	52	0
54	52	1

51 In. Sqr.

2	51	1
52	51	2
2	51	3
53	52	0
2	52	1
54	52	2

51 ½ Sqr.

52	51	3
2	52	0
53	52	1
2	52	2
54	52	3

52 In. Sqr.

2	52	1
53	52	2
2	52	3
54	53	0

52 ½ Sqr.

53	52	3
2	53	0
54	53	1

53 In. Sqr.

2	53	1
54	53	2

53 ½ Sqr.

54	53	3

54 In. Sqr.

A New

TABLE

OF

Solid Measure,

Ready cast up ;

Whereby the *Solid Content*, and consequently the *Value* of any Piece or Quantity of *Timber, Stone,* &c. may be found AT SIGHT, from 2 *Inches* to 54 *Inches, the Side* of the *Square,* (or *one fourth* of the *Girt* ;) and from *one Quarter* of a *Foot* to 45 *Feet* the *Length* :

And therefore, by *Addition* only, may serve to any greater *Square* or *Length* if there should ever be Occasion.

Ft. long	Side 2 Inches.			Ft. long	Side 2 ¼ Inch.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	0	4	1	0	0	5
2	0	0	8	2	0	0	10
3	0	1	0	3	0	1	3
4	0	1	4	4	0	1	8
5	0	1	8	5	0	2	1
6	0	2	0	6	0	2	6
7	0	2	4	7	0	2	11
8	0	2	8	8	0	3	4
9	0	3	0	9	0	3	9
10	0	3	4	10	0	4	2
11	0	3	8	11	0	4	7
12	0	4	0	12	0	5	0
13	0	4	4	13	0	5	5
14	0	4	8	14	0	5	10
15	0	5	0	15	0	6	3
16	0	5	4	16	0	6	9
17	0	5	8	17	0	7	2
18	0	6	0	18	0	7	7
19	0	6	4	19	0	8	0
20	0	6	8	20	0	8	5
21	0	7	0	21	0	8	10
22	0	7	4	22	0	9	3
23	0	7	8	23	0	9	8
24	0	8	0	24	0	10	1
25	0	8	4	25	0	10	6
26	0	8	8	26	0	10	11
27	0	9	0	27	0	11	4
28	0	9	4	28	0	11	9
29	0	9	8	29	1	0	2
30	0	10	0	30	1	0	7
31	0	10	4	31	1	1	0
32	0	10	8	32	1	1	6
33	0	11	0	33	1	1	11
34	0	11	4	34	1	2	4
35	0	11	8	35	1	2	9
36	1	0	0	36	1	3	2
37	1	0	4	37	1	3	7
38	1	0	8	38	1	4	0
39	1	1	0	39	1	4	5
40	1	1	4	40	1	4	10
41	1	1	8	41	1	5	3
42	1	2	0	42	1	5	8
43	1	2	4	43	1	6	1
44	1	2	8	44	1	6	6
45	1	3	0	45	1	6	11

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	0	1	0	0	0	1	3
½	0	0	2	0	0	0	2	6
¾	0	0	3	0	0	0	3	9

Ft. long	Side 2 ½			Ft. long	Side 2 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	0	0	1	0	0	7
2	0	1	0	2	0	1	3
3	0	1	6	3	0	1	10
4	0	2	1	4	0	2	6
5	0	2	7	5	0	3	1
6	0	3	1	6	0	3	9
7	0	3	7	7	0	4	4
8	0	4	2	8	0	5	0
9	0	4	8	9	0	5	8
10	0	5	2	10	0	6	9
11	0	5	8	11	0	6	11
12	0	6	3	12	0	7	6
13	0	6	9	13	0	8	2
14	0	7	3	14	0	8	9
15	0	7	9	15	0	9	5
16	0	8	4	16	0	10	1
17	0	8	10	17	0	10	8
18	0	9	4	18	0	11	4
19	0	9	10	19	0	11	11
20	0	10	5	20	1	0	7
21	0	10	11	21	1	1	2
22	0	11	5	22	1	1	10
23	0	11	11	23	1	2	5
24	1	0	6	24	1	3	1
25	1	1	0	25	1	3	9
26	1	1	6	26	1	4	4
27	1	2	0	27	1	5	0
28	1	2	7	28	1	5	7
29	1	3	1	29	1	6	3
30	1	3	7	30	1	6	10
31	1	4	1	31	1	7	6
32	1	4	8	32	1	8	2
33	1	5	2	33	1	8	9
34	1	5	8	34	1	9	5
35	1	6	2	35	1	10	0
36	1	6	9	36	1	10	8
37	1	7	3	37	1	11	3
38	1	7	9	38	1	11	4
39	1	8	3	39	2	0	6
40	1	8	10	40	2	1	2
41	1	9	4	41	2	1	10
42	1	9	10	42	2	2	5
43	1	10	4	43	2	3	1
44	1	10	11	44	2	3	8
45	1	11	5	45	2	4	4

Quarters of a Foot.				*Quarters of a Foot.*			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	0	1	6	¼	0	0	1	9
½	0	0	3	0	½	0	0	3	6
¾	0	0	4	6	¾	0	0	5	3

D

Ft. long	Side 3 Inches.			Ft. long	Side 3 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	0	9	1	0	0	10
2	0	1	6	2	0	1	9
3	0	2	3	3	0	2	7
4	0	3	0	4	0	3	6
5	0	3	9	5	0	4	4
6	0	4	6	6	0	5	3
7	0	5	3	7	0	6	1
8	0	6	0	8	0	7	0
9	0	6	9	9	0	7	11
10	0	7	6	10	0	8	9
11	0	8	3	11	0	9	8
12	0	9	0	12	0	10	6
13	0	9	9	13	0	11	5
14	0	10	6	14	1	0	3
15	0	11	3	15	1	1	2
16	1	0	0	16	1	2	1
17	1	0	9	17	1	2	11
18	1	1	6	18	1	3	10
19	1	2	3	19	1	4	8
20	1	3	0	20	1	5	7
21	1	3	9	21	1	6	5
22	1	4	6	22	1	7	4
23	1	5	3	23	1	8	2
24	1	6	0	24	1	9	1
25	1	6	9	25	1	10	0
26	1	7	6	26	1	10	10
27	1	8	3	27	1	11	9
28	1	9	0	28	2	0	7
29	1	9	9	29	2	1	6
30	1	10	6	30	2	2	4
31	1	11	3	31	2	3	3
32	2	0	0	32	2	4	2
33	2	0	9	33	2	5	0
34	2	1	6	34	2	5	11
35	2	2	3	35	2	6	9
36	2	3	0	36	2	7	8
37	2	3	9	37	2	8	6
38	2	4	6	38	2	9	5
39	2	5	3	39	2	10	3
40	2	6	0	40	2	11	2
41	2	6	9	41	3	0	1
42	2	7	6	42	3	0	11
43	2	8	3	43	3	1	10
44	2	9	0	44	3	2	8
45	2	9	9	45	3	3	7

	Quarters of a Foot.					Quarters of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	0	2	3	¼	0	0	2	6
½	0	0	4	6	½	0	0	5	0
¾	0	0	6	9	¾	0	0	7	6

Ft. long	Side 3½			Ft. long	Side 3¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	0	1	0	1	2
2	0	2	0	2	0	2	4
3	0	3	0	3	0	3	6
4	0	4	1	4	0	4	8
5	0	5	1	5	0	5	10
6	0	6	1	6	0	7	0
7	0	7	1	7	0	8	2
8	0	8	2	8	0	9	4
9	0	9	2	9	0	10	6
10	0	10	2	10	0	11	8
11	0	11	2	11	1	0	10
12	1	0	3	12	1	2	0
13	1	1	3	13	1	3	2
14	1	2	3	14	1	4	4
15	1	3	3	15	1	5	6
16	1	4	4	16	1	6	9
17	1	5	4	17	1	7	11
18	1	6	4	18	1	9	1
19	1	7	4	19	1	10	3
20	1	8	5	20	1	11	5
21	1	9	5	21	2	0	7
22	1	10	5	22	2	1	9
23	1	11	5	23	2	2	11
24	2	0	6	24	2	4	1
25	2	1	6	25	2	5	3
26	2	2	6	26	2	6	5
27	2	3	6	27	2	7	7
28	2	4	7	28	2	8	9
29	2	5	7	29	2	9	11
30	2	6	7	30	2	11	1
31	2	7	7	31	3	0	3
32	2	8	8	32	3	1	6
33	2	9	8	33	3	2	8
34	2	10	8	34	3	3	10
35	2	11	8	35	3	5	0
36	3	0	9	36	3	6	2
37	3	1	9	37	3	7	4
38	3	2	9	38	3	8	6
39	3	3	9	39	3	9	8
40	3	4	10	40	3	10	10
41	3	5	10	41	4	0	0
42	3	6	10	42	4	1	2
43	3	7	10	43	4	2	4
44	3	8	11	44	4	3	6
45	3	9	11	45	4	4	8

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	0	3 0	¼	0	0	3 6
½	0	0	6 0	½	0	0	7 0
¾	0	0	9 0	¾	0	0	10 6

Ft. long	Side 4 Inches.			Ft. long	Side 4 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	4	1	0	1	6
2	0	2	8	2	0	3	0
3	0	4	0	3	0	4	6
4	0	5	4	4	0	6	0
5	0	6	8	5	0	7	6
6	0	8	0	6	0	9	0
7	0	9	4	7	0	10	6
8	0	10	8	8	1	0	0
9	1	0	0	9	1	1	6
10	1	1	4	10	1	3	0
11	1	2	8	11	1	4	6
12	1	4	0	12	1	6	0
13	1	5	4	13	1	7	6
14	1	6	8	14	1	9	0
15	1	8	0	15	1	10	6
16	1	9	4	16	2	0	1
17	1	10	8	17	2	1	7
18	2	0	0	18	2	3	1
19	2	1	4	19	2	4	7
20	2	2	8	20	2	6	1
21	2	4	0	21	2	7	7
22	2	5	4	22	2	9	1
23	2	6	8	23	2	10	7
24	2	8	0	24	3	0	1
25	2	9	4	25	3	1	7
26	2	10	8	26	3	3	1
27	3	0	0	27	3	4	7
28	3	1	4	28	3	6	1
29	3	2	8	29	3	7	7
30	3	4	0	30	3	9	1
31	3	5	4	31	3	10	7
32	3	6	8	32	4	0	2
33	3	8	0	33	4	1	8
34	3	9	4	34	4	3	2
35	3	10	8	35	4	4	8
36	4	0	0	36	4	6	2
37	4	1	4	37	4	7	8
38	4	2	8	38	4	9	2
39	4	4	0	39	4	10	8
40	4	5	4	40	5	0	2
41	4	6	8	41	5	1	8
42	4	8	0	42	5	3	2
43	4	9	4	43	5	4	8
44	4	10	8	44	5	6	2
45	5	0	0	45	5	7	8

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	0	4	0	¼	0	0	4	6
½	0	0	8	0	½	0	0	9	0
3	0	1	0	0	¾	0	1	1	6

Ft. long	Side 4½ Ft.	In.	Pa.	Ft. long	Side 4¾ Ft.	In.	Pa.
1	0	1	8	1	0	1	10
2	0	3	4	2	0	3	9
3	0	5	0	3	0	5	7
4	0	6	9	4	0	7	6
5	0	8	5	5	0	9	4
6	0	10	1	6	0	11	3
7	0	11	9	7	1	1	1
8	1	1	6	8	1	3	0
9	1	2	2	9	1	4	11
10	1	4	10	10	1	6	9
11	1	6	6	11	1	8	8
12	1	8	3	12	1	10	6
13	1	9	11	13	2	0	5
14	1	11	7	14	2	2	3
15	2	1	3	15	2	4	2
16	2	3	0	16	2	6	1
17	2	4	8	17	2	7	11
18	2	6	4	18	2	9	10
19	2	8	0	19	2	11	8
20	2	9	9	20	3	1	7
21	2	11	5	21	3	3	5
22	3	1	1	22	3	5	4
23	3	2	9	23	3	7	2
24	3	4	6	24	3	9	1
25	3	6	2	25	3	11	0
26	3	7	10	26	4	0	10
27	3	9	6	27	4	2	9
28	3	11	3	28	4	4	7
29	4	0	11	29	4	6	6
30	4	2	7	30	4	8	4
31	4	4	3	31	4	10	3
32	4	6	0	32	5	0	2
33	4	7	8	33	5	2	0
34	4	9	4	34	5	3	11
35	4	11	0	35	5	5	9
36	5	0	9	36	5	7	8
37	5	2	5	37	5	9	6
38	5	4	1	38	5	11	5
39	5	5	9	39	6	1	3
40	5	7	6	40	6	3	2
41	5	9	2	41	6	5	1
42	5	10	10	42	6	6	11
43	6	0	6	43	6	8	10
44	6	2	3	44	6	10	8
45	6	3	11	45	7	0	7

Quarters of a *Foot.*	Ft.	In.	Pa.	S.	*Quarters* of a *Foot.*	Ft.	In.	Pa.	S.
¼	0	0	5	0	¼	0	0	5	6
½	0	0	10	0	½	0	0	11	0
¾	0	1	3	0	¾	0	1	4	6

Ft. long	Side 5 Inches.			Ft. long	Side 5 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	2	1	1	0	2	3
2	0	4	2	2	0	4	7
3	0	6	3	3	0	6	10
4	0	8	4	4	0	9	2
5	0	10	5	5	0	11	5
6	1	0	6	6	1	1	9
7	1	2	7	7	1	4	0
8	1	4	8	8	1	6	4
9	1	6	9	9	1	8	8
10	1	8	10	10	1	10	11
11	1	10	11	11	2	1	3
12	2	1	0	12	2	3	6
13	2	3	1	13	2	5	10
14	2	5	2	14	2	8	1
15	2	7	3	15	2	10	5
16	2	9	4	16	3	0	9
17	2	11	5	17	3	3	0
18	3	1	6	18	3	5	4
19	3	3	7	19	3	7	7
20	3	5	8	20	3	9	11
21	3	7	9	21	4	0	2
22	3	9	10	22	4	2	6
23	3	11	11	23	4	4	9
24	4	2	0	24	4	7	1
25	4	4	1	25	4	9	5
26	4	6	2	26	4	11	8
27	4	8	3	27	5	2	0
28	4	10	4	28	5	4	3
29	5	0	5	29	5	6	7
30	5	2	6	30	5	8	10
31	5	4	7	31	5	11	2
32	5	6	8	32	6	1	6
33	5	8	9	33	6	3	9
34	5	10	10	34	6	6	1
35	6	0	11	35	6	8	4
36	6	3	0	36	6	10	8
37	6	5	1	37	7	0	11
38	6	7	2	38	7	3	3
39	6	9	3	39	7	5	6
40	6	11	4	40	7	7	10
41	7	1	5	41	7	10	2
42	7	3	6	42	8	0	5
43	7	5	7	43	8	2	9
44	7	7	8	44	8	5	0
45	7	9	9	45	8	7	4

Quarters of a *Foot.*				*Quarters* of a *Foot.*			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	0	6 3	¼	0	0	6 9
½	0	1	0 6	½	0	1	1 6
¾	0	1	6 9	¾	0	1	8 3

Ft. long	Side 5½			Ft. long	Side 5¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	2	6	1	0	2	9
2	0	5	0	2	0	5	6
3	0	7	6	3	0	8	3
4	0	10	1	4	0	11	0
5	1	0	7	5	1	1	9
6	1	3	1	6	1	4	6
7	1	5	7	7	1	7	3
8	1	8	2	8	1	10	0
9	1	10	8	9	2	0	9
10	2	1	2	10	2	3	6
11	2	3	8	11	2	6	3
12	2	6	3	12	2	9	0
13	2	8	9	13	2	11	9
14	2	11	3	14	3	2	6
15	3	1	9	15	3	5	3
16	3	4	4	16	3	8	1
17	3	6	10	17	3	10	10
18	3	9	4	18	4	1	7
19	3	11	10	19	4	4	4
20	4	2	5	20	4	7	1
21	4	4	11	21	4	9	10
22	4	7	5	22	5	0	7
23	4	9	11	23	5	3	4
24	5	0	6	24	5	6	1
25	5	3	0	25	5	8	10
26	5	5	6	26	5	11	7
27	5	8	0	27	6	2	4
28	5	10	6	28	6	5	1
29	6	1	1	29	6	7	10
30	6	3	7	30	6	10	7
31	6	6	1	31	7	1	4
32	6	8	8	32	7	4	2
33	6	11	2	33	7	6	11
34	7	1	8	34	7	9	8
35	7	4	2	35	8	0	5
36	7	6	9	36	8	3	2
37	7	9	3	37	8	5	11
38	7	11	9	38	8	8	8
39	8	2	3	39	8	11	5
40	8	4	10	40	9	2	2
41	8	7	4	41	9	4	11
42	8	9	10	42	9	7	8
43	9	0	4	43	9	10	5
44	9	2	11	44	10	1	2
45	9	5	5	45	10	3	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S		Ft.	In.	Pa. S
¼	0	0	7	6	¼	0	0	8 3
½	0	1	3	0	½	0	1	4 6
¾	0	1	10	6	¾	0	2	0 9

Ft. long	Side 6 Inches.			Ft. long	Side 6 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa
1	0	3	0	1	0	3	3
2	0	6	0	2	0	6	6
3	0	9	0	3	0	9	9
4	1	0	0	4	1	1	0
5	1	3	0	5	1	4	3
6	1	6	0	6	1	7	6
7	1	9	0	7	1	10	9
8	2	0	0	8	2	2	0
9	2	3	0	9	2	5	3
10	2	6	0	10	2	8	6
11	2	9	0	11	2	11	9
12	3	0	0	12	3	3	0
13	3	3	0	13	3	6	3
14	3	6	0	14	3	9	6
15	3	9	0	15	4	0	9
16	4	0	0	16	4	4	1
17	4	3	0	17	4	7	4
18	4	6	0	18	4	10	7
19	4	9	0	19	5	1	10
20	5	0	0	20	5	5	1
21	5	3	0	21	5	8	4
22	5	6	0	22	5	11	7
23	5	9	0	23	6	2	10
24	6	0	0	24	6	6	1
25	6	3	0	25	6	9	4
26	6	6	0	26	7	0	7
27	6	9	0	27	7	3	10
28	7	0	0	28	7	7	1
29	7	3	0	29	7	10	4
30	7	6	0	30	8	1	7
31	7	9	0	31	8	4	10
32	8	0	0	32	8	8	2
33	8	3	0	33	8	11	5
34	8	6	0	34	9	2	8
35	8	9	0	35	9	5	11
36	9	0	0	36	9	9	2
37	9	3	0	37	10	0	5
38	9	6	0	38	10	3	8
39	9	9	0	39	10	6	11
40	10	0	0	40	10	10	2
41	10	3	0	41	11	1	5
42	10	6	0	42	11	4	8
43	10	9	0	43	11	7	11
44	11	0	0	44	11	11	2
45	11	3	0	45	12	2	5

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	0	9 0	¼	0	0	9 9
½	0	1	6 0	½	0	1	7 6
¾	0	2	3 0	¾	0	2	5 ¾

Ft. long	Side 6½			Ft. long	Side 6¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	3	6	1	0	3	9
2	0	7	0	2	0	7	7
3	0	10	6	3	0	11	4
4	1	2	1	4	1	3	2
5	1	5	7	5	1	6	11
6	1	9	1	6	1	10	9
7	2	0	7	7	2	2	6
8	2	4	2	8	2	6	4
9	2	7	8	9	2	10	2
10	2	11	2	10	3	1	11
11	3	2	8	11	3	5	9
12	3	6	3	12	3	9	6
13	3	9	9	13	4	1	4
14	4	1	3	14	4	5	1
15	4	4	9	15	4	8	11
16	4	8	4	16	5	0	9
17	4	11	10	17	5	4	6
18	5	3	4	18	5	8	4
19	5	6	10	19	6	0	1
20	5	10	5	20	6	3	11
21	6	1	11	21	6	7	8
22	6	5	5	22	6	11	6
23	6	8	11	23	7	3	3
24	7	0	6	24	7	7	1
25	7	4	0	25	7	10	11
26	7	7	6	26	8	2	8
27	7	11	0	27	8	6	6
28	8	2	7	28	8	10	3
29	8	6	1	29	9	2	1
30	8	9	7	30	9	5	10
31	9	1	1	31	9	9	8
32	9	4	8	32	10	1	6
33	9	8	2	33	10	5	5
34	9	11	8	34	10	9	1
35	10	3	2	35	11	0	10
36	10	6	9	36	11	4	8
37	10	10	3	37	11	8	5
38	11	1	9	38	12	0	3
39	11	5	3	39	12	4	0
40	11	8	10	40	12	7	10
41	12	0	4	41	12	11	8
42	12	3	10	42	13	3	5
43	12	7	4	43	13	7	3
44	12	10	11	44	13	11	0
45	13	2	5	45	14	2	10

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	0	10	6	0	0	11	3
½	0	1	9	0	0	1	10	6
¾	0	2	7	6	0	2	9	9

E

Ft. long	Side 7 Inches.			Ft. long	Side 7 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	1	1	0	4	4
2	0	8	2	2	0	8	9
3	1	0	3	3	1	1	1
4	1	4	4	4	1	5	6
5	1	8	5	5	1	9	10
6	2	0	6	6	2	2	3
7	2	4	7	7	2	6	7
8	2	8	8	8	2	11	0
9	3	0	9	9	3	3	5
10	3	4	10	10	3	7	9
11	3	8	11	11	4	0	2
12	4	1	0	12	4	4	6
13	4	5	1	13	4	8	11
14	4	9	2	14	5	1	3
15	5	1	3	15	5	5	8
16	5	5	4	16	5	10	1
17	5	9	5	17	6	2	5
18	6	1	6	18	6	6	10
19	6	5	7	19	6	11	2
20	6	9	8	20	7	3	7
21	7	1	9	21	7	7	11
22	7	5	10	22	8	0	4
23	7	9	11	23	8	4	8
24	8	2	0	24	8	9	1
25	8	6	1	25	9	1	6
26	8	10	2	26	9	5	10
27	9	2	3	27	9	10	3
28	9	6	4	28	10	2	7
29	9	10	5	29	10	7	0
30	10	2	6	30	10	11	4
31	10	6	7	31	11	3	9
32	10	10	8	32	11	8	2
33	11	2	9	33	12	0	6
34	11	6	10	34	12	4	11
35	11	10	11	35	12	9	3
36	12	3	0	36	13	1	8
37	12	7	1	37	13	6	0
38	12	11	2	38	13	10	5
39	13	3	3	39	14	2	9
40	13	7	4	40	14	7	2
41	13	11	5	41	14	11	7
42	14	3	6	42	15	3	11
43	14	7	7	43	15	8	4
44	14	11	8	44	16	0	8
45	15	3	9	45	16	5	1

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	1	0 3	¼	0	1	1 0
½	0	2	0 6	½	0	2	2 0
¾	0	3	0 9	¾	0	3	3 0

Ft. long	Side 7½			Ft. long	Side 7¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	8	1	0	5	0
2	0	9	4	2	0	10	0
3	1	2	0	3	1	3	0
4	1	6	9	4	1	8	0
5	1	11	5	5	2	1	0
6	2	4	1	6	2	6	0
7	2	8	9	7	2	11	0
8	3	1	6	8	3	4	0
9	3	6	2	9	3	9	0
10	3	10	10	10	4	2	0
11	4	3	6	11	4	7	0
12	4	8	3	12	5	0	0
13	5	0	11	13	5	5	0
14	5	5	7	14	5	10	0
15	5	10	3	15	6	3	0
16	6	3	0	16	6	8	1
17	6	7	8	17	7	1	1
18	7	0	4	18	7	6	1
19	7	5	0	19	7	11	1
20	7	9	9	20	8	4	1
21	8	2	5	21	8	9	1
22	8	7	1	22	9	2	1
23	8	11	9	23	9	7	1
24	9	4	6	24	10	0	1
25	9	9	2	25	10	5	1
26	10	1	10	26	10	10	1
27	10	6	6	27	11	3	1
28	10	11	3	28	11	8	1
29	11	3	11	29	12	1	1
30	11	8	7	30	12	6	1
31	12	1	3	31	12	11	1
32	12	6	0	32	13	4	2
33	12	10	8	33	13	9	2
34	13	3	4	34	14	2	2
35	13	8	0	35	14	7	2
36	14	0	9	36	15	0	2
37	14	5	5	37	15	5	2
38	14	10	1	38	15	10	2
39	15	2	9	39	16	3	2
40	15	7	6	40	16	8	2
41	16	0	2	41	17	1	2
42	16	4	10	42	17	6	2
43	16	9	6	43	17	11	2
44	17	2	3	44	18	4	2
45	17	6	11	45	18	9	2

Quarters of a Foot.				*Quarters of a Foot.*			
	Ft.	In.	Pa. S		Ft.	In.	Pa. S.
¼	0	1	2 0	¼	0	1	3 0
½	0	2	4 0	½	0	2	6 0
¾	0	3	6 0	¾	0	3	9 0

Ft. long	Side 8 Inches.			Ft. long	Side 8 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	5	4	1	0	5	8
2	0	10	8	2	0	11	4
3	1	4	0	3	1	5	0
4	1	9	4	4	1	10	8
5	2	2	8	5	2	4	4
6	2	8	0	6	2	10	0
7	3	1	4	7	3	3	8
8	3	6	8	8	3	9	4
9	4	0	0	9	4	3	0
10	4	5	4	10	4	8	8
11	4	10	8	11	5	2	4
12	5	4	0	12	5	8	0
13	5	9	4	13	6	1	8
14	6	2	8	14	6	7	4
15	6	8	0	15	7	1	0
16	7	1	4	16	7	6	9
17	7	6	8	17	8	0	5
18	8	0	0	18	8	6	1
19	8	5	4	19	8	11	9
20	8	10	8	20	9	5	5
21	9	4	0	21	9	11	1
22	9	9	4	22	10	4	9
23	10	2	8	23	10	10	5
24	10	8	0	24	11	4	1
25	11	1	4	25	11	9	9
26	11	6	8	26	12	3	5
27	12	0	0	27	12	9	1
28	12	5	4	28	13	2	9
29	12	10	8	29	13	8	5
30	13	4	0	30	14	2	1
31	13	9	4	31	14	7	9
32	14	2	8	32	15	1	6
33	14	8	0	33	15	7	2
34	15	1	4	34	16	0	10
35	15	6	8	35	16	6	6
36	16	0	0	36	17	0	2
37	16	5	4	37	17	5	10
38	16	10	8	38	17	11	6
39	17	4	0	39	18	5	2
40	17	9	4	40	18	10	10
41	18	2	8	41	19	4	6
42	18	8	0	42	19	10	2
43	19	1	4	43	20	3	10
44	19	6	8	44	20	9	6
45	20	0	0	45	21	3	2

Quarters of a *Foot.*				*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	1	4	0	0	1	5	0
½	0	2	8	0	0	2	10	0
¾	0	4	0	0	0	4	3	0

Ft. long	Side 8 ½			Ft. long	Side 8 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	6	0	1	0	6	4
2	1	0	0	2	1	0	9
3	1	6	0	3	1	7	1
4	2	0	1	4	2	1	6
5	2	6	1	5	2	7	10
6	3	0	1	6	3	2	3
7	3	6	1	7	3	8	7
8	4	0	2	8	4	3	0
9	4	6	2	9	4	9	5
10	5	0	2	10	5	3	9
11	5	6	2	11	5	10	2
12	6	0	3	12	6	4	6
13	6	6	3	13	6	10	11
14	7	0	3	14	7	5	3
15	7	6	3	15	7	11	8
16	8	0	4	16	8	6	1
17	8	6	4	17	9	0	5
18	9	0	4	18	9	6	10
19	9	6	4	19	10	1	2
20	10	0	5	20	10	7	7
21	10	6	5	21	11	1	11
22	11	0	5	22	11	8	4
23	11	6	5	23	12	2	8
24	12	0	6	24	12	9	1
25	12	6	6	25	13	3	6
26	13	0	6	26	13	9	10
27	13	6	6	27	14	4	3
28	14	0	7	28	14	10	7
29	14	6	7	29	15	5	0
30	15	0	7	30	15	11	4
31	15	6	7	31	16	5	9
32	16	0	8	32	17	0	2
33	16	6	8	33	17	6	6
34	17	0	8	34	18	0	11
35	17	6	8	35	18	7	3
36	18	0	9	36	19	1	8
37	18	6	9	37	19	8	0
38	19	0	9	38	20	2	5
39	19	6	9	39	20	8	9
40	20	0	10	40	21	3	2
41	20	6	10	41	21	9	7
42	21	0	10	42	22	3	11
43	21	6	10	43	22	10	4
44	22	0	11	44	23	4	8
45	22	6	11	45	23	11	1

Quarters of a Foot.					Quarters of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	1	6	0	¼	0	1	7	0
½	0	3	0	0	½	0	3	2	0
¾	0	4	6	0	¾	0	4	9	0

Ft. long	Side 9 Inches.			Ft. long	Side 9 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	6	9	1	0	7	1
2	1	1	6	2	1	2	3
3	1	8	3	3	1	9	4
4	2	3	0	4	2	4	6
5	2	9	9	5	2	11	7
6	3	4	6	6	3	6	9
7	3	11	3	7	4	1	10
8	4	6	0	8	4	9	0
9	5	0	9	9	5	4	2
10	5	7	6	10	5	11	3
11	6	2	3	11	6	6	5
12	6	9	0	12	7	1	6
13	7	3	9	13	7	8	8
14	7	10	6	14	8	3	9
15	8	5	3	15	8	10	11
16	9	0	0	16	9	6	1
17	9	6	9	17	10	1	2
18	10	1	6	18	10	8	4
19	10	8	3	19	11	3	5
20	11	3	0	20	11	10	7
21	11	9	9	21	12	5	8
22	12	4	6	22	13	0	10
23	12	11	3	23	13	7	11
24	13	6	0	24	14	3	1
25	14	0	9	25	14	10	3
26	14	7	6	26	15	5	4
27	15	2	3	27	16	0	6
28	15	9	0	28	16	7	7
29	16	3	9	29	17	2	9
30	16	10	6	30	17	9	10
31	17	5	3	31	18	5	0
32	18	0	0	32	19	0	2
33	18	6	9	33	19	7	3
34	19	1	6	34	20	2	5
35	19	8	3	35	20	9	6
36	20	3	0	36	21	4	8
37	20	9	9	37	21	11	9
38	21	4	6	38	22	6	11
39	21	11	3	39	23	2	0
40	22	6	0	40	23	9	2
41	23	0	9	41	24	4	4
42	23	7	6	42	24	11	5
43	24	2	3	43	25	6	7
44	24	9	0	44	26	1	8
45	25	3	9	45	26	8	10

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	P.	S.	Ft.	In.	Pa.	S.
¼	0	1	8	3	0	1	9	3
½	0	3	4	6	0	3	6	6
¾	0	5	0	0	0	5	3	9

Ft. long	Side 9½			Ft. long	Side 9¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	7	6	1	0	7	11
2	1	3	0	2	1	3	10
3	1	10	6	3	1	11	9
4	2	6	1	4	2	7	8
5	3	1	7	5	3	3	7
6	3	9	1	6	3	11	6
7	4	4	7	7	4	7	5
8	5	0	1	8	5	3	4
9	5	7	8	9	5	11	3
10	6	3	2	10	6	7	2
11	6	10	8	11	7	3	1
12	7	6	3	12	7	11	0
13	8	1	9	13	8	6	11
14	8	9	3	14	9	2	10
15	9	4	9	15	9	10	9
16	10	0	4	16	10	6	9
17	10	7	10	17	11	2	8
18	11	3	4	18	11	10	7
19	11	10	10	19	12	6	6
20	12	6	5	20	13	2	5
21	13	9	11	21	13	10	4
22	13	9	5	22	14	6	3
23	14	4	11	23	15	2	2
24	15	0	6	24	15	10	1
25	15	8	0	25	16	6	0
26	16	3	6	26	17	1	11
27	16	11	0	27	17	9	10
28	17	6	7	28	18	5	9
29	18	2	1	29	19	1	8
30	18	9	7	30	19	9	7
31	19	5	1	31	20	5	6
32	20	0	8	32	21	1	6
33	20	8	2	33	21	9	5
34	21	3	8	34	22	5	4
35	21	11	2	35	23	1	3
36	22	6	9	36	23	9	2
37	23	2	3	37	24	5	1
38	23	9	9	38	25	1	0
39	24	5	3	39	25	8	11
40	25	0	10	40	26	4	10
41	25	8	4	41	27	0	9
42	26	3	10	42	27	8	8
43	26	11	4	43	28	4	7
44	27	6	11	44	29	0	6
45	28	2	5	45	29	8	5

Quarters of a Foot.				*Quarters of a Foot.*			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	1	10	6	0	1	11	9
½	0	3	9	0	0	3	11	6
¾	0	5	7	6	0	5	11	3

Ft. long	Side 10 Inch.			Ft. long	Side 10 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	8	4	1	0	8	9
2	1	4	8	2	1	5	6
3	2	1	0	3	2	2	3
4	2	9	4	4	2	11	0
5	3	5	8	5	3	7	9
6	4	2	0	6	4	4	6
7	4	10	4	7	5	1	3
8	5	6	8	8	5	10	0
9	6	3	0	9	6	6	9
10	6	11	4	10	7	3	6
11	7	7	8	11	8	0	3
12	8	4	0	12	8	9	0
13	9	0	4	13	9	5	9
14	9	8	8	14	10	2	6
15	10	5	0	15	10	11	3
16	11	1	4	16	11	8	1
17	11	9	8	17	12	4	10
18	12	6	0	18	13	1	7
19	13	2	4	19	13	10	4
20	13	10	8	20	14	7	1
21	14	7	0	21	15	3	10
22	15	3	4	22	16	0	7
23	15	11	8	23	16	9	4
24	16	8	0	24	17	6	1
25	17	4	4	25	18	2	10
26	18	0	8	26	18	11	7
27	18	9	0	27	19	8	4
28	19	5	4	28	20	5	1
29	20	1	8	29	21	1	10
30	20	10	0	30	21	10	7
31	21	6	4	31	22	7	4
32	22	2	8	32	23	4	2
33	22	11	0	33	24	0	11
34	23	7	4	34	24	9	8
35	24	3	8	35	25	6	5
36	25	0	0	36	26	3	2
37	25	8	4	37	26	11	11
38	26	4	8	38	27	8	8
39	27	1	0	39	28	5	5
40	27	9	4	40	29	2	2
41	28	5	8	41	29	10	11
42	29	2	0	42	30	7	8
43	29	10	4	43	31	4	5
44	30	6	8	44	32	1	2
45	31	3	0	45	32	9	11

Quarters of a *Foot.*

	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	2	1	0	¼	0	2	2	3
½	0	4	2	0	½	0	4	4	6
¾	0	6	3	0	¾	0	6	6	9

Ft. long	Side 10 ½			Ft. long	Side 10 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	9	2	1	0	9	7
2	1	6	4	2	1	7	3
3	2	3	6	3	2	4	10
4	3	0	9	4	3	2	6
5	3	9	11	5	4	0	1
6	4	7	1	6	4	9	9
7	5	4	3	7	5	7	4
8	6	1	6	8	6	5	0
9	6	10	8	9	7	2	8
10	7	7	10	10	8	0	3
11	8	5	0	11	8	9	11
12	9	2	3	12	9	7	6
13	9	11	5	13	10	5	2
14	10	8	7	14	11	2	9
15	11	5	9	15	12	0	5
16	12	3	0	16	12	10	1
17	13	0	2	17	13	7	8
18	13	9	4	18	14	5	4
19	14	6	6	19	15	2	11
20	15	3	9	20	16	0	7
21	16	0	11	21	16	10	2
22	16	10	1	22	17	7	10
23	17	7	3	23	18	5	5
24	18	4	6	24	19	3	1
25	19	1	8	25	20	0	9
26	19	10	10	26	20	10	4
27	20	8	0	27	21	8	0
28	21	5	3	28	22	5	7
29	22	2	5	29	23	3	3
30	22	11	7	30	24	0	10
31	23	8	9	31	24	10	6
32	24	6	0	32	25	8	2
33	25	3	2	33	26	5	9
34	26	0	4	34	27	3	5
35	26	9	6	35	28	1	0
36	27	6	9	36	28	10	8
37	28	3	11	37	29	8	3
38	29	1	1	38	30	5	11
39	29	10	3	39	31	3	6
40	30	7	6	40	32	1	2
41	31	4	8	41	32	10	10
42	32	1	10	42	33	8	5
43	32	11	0	43	34	6	1
44	33	8	3	44	35	3	8
45	34	5	5	45	36	1	4

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	2	3 6	¼	0	2	4 0
½	0	4	7 0	½	0	4	9 6
¾	0	6	10 6	¾	0	7	2

F

Ft. long	Side 11 Inch.			Ft. long	Side 11 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	10	1	1	0	10	6
2	1	8	2	2	1	9	1
3	2	6	3	3	2	7	7
4	3	4	4	4	3	6	2
5	4	2	5	5	4	4	8
6	5	0	6	6	5	3	3
7	5	10	7	7	6	1	9
8	6	8	8	8	7	0	4
9	7	6	9	9	7	10	11
10	8	4	10	10	8	9	5
11	9	2	11	11	9	8	0
12	10	1	0	12	10	6	6
13	10	11	1	13	11	5	1
14	11	9	2	14	12	3	7
15	12	7	3	15	13	2	2
16	13	5	4	16	14	0	9
17	14	3	5	17	14	11	3
18	15	1	6	18	15	9	10
19	15	11	7	19	16	8	4
20	16	9	8	20	17	6	11
21	17	7	9	21	18	5	5
22	18	5	10	22	19	4	0
23	19	3	11	23	20	2	6
24	20	2	0	24	21	1	1
25	21	0	1	25	21	11	8
26	21	10	2	26	22	10	2
27	22	8	3	27	23	8	9
28	23	6	4	28	24	7	3
29	24	4	5	29	25	5	10
30	25	2	6	30	26	4	4
31	26	0	7	31	27	2	11
32	26	10	8	32	28	1	6
33	27	8	9	33	29	0	0
34	28	6	10	34	29	10	7
35	29	4	11	35	30	9	1
36	30	3	0	36	31	7	8
37	31	1	1	37	32	6	2
38	31	11	2	38	33	4	9
39	32	9	3	39	34	3	3
40	33	7	4	40	35	1	10
41	34	5	5	41	36	0	5
42	35	3	6	42	36	10	11
43	36	1	7	43	37	9	6
44	36	11	8	44	38	8	0
45	37	9	9	45	39	6	7

Quarters of a Foot.					Quarters of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	2	6	3	¼	0	2	7	6
½	0	5	0	6	½	0	5	3	0
¾	0	7	6	9	¾	0	7	10	6

Ft. long	Side 11 ⅓			Ft. long	Side 11 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	11	0	1	0	11	6
2	1	10	0	2	1	11	0
3	2	9	0	3	2	10	6
4	3	8	1	4	3	10	0
5	4	7	1	5	4	9	6
6	5	6	1	6	5	9	0
7	6	5	1	7	6	8	6
8	7	4	1	8	7	8	0
9	8	3	2	9	8	7	6
10	9	2	2	10	9	7	0
11	10	1	2	11	10	6	6
12	11	0	3	12	11	6	0
13	11	11	3	13	12	5	6
14	12	10	3	14	13	5	0
15	13	9	3	15	14	4	6
16	14	8	4	16	15	4	1
17	15	7	4	17	16	3	7
18	16	6	4	18	17	3	1
19	17	5	4	19	18	2	7
20	18	4	5	20	19	2	1
21	19	3	5	21	20	1	7
22	20	2	5	22	21	1	1
23	21	1	5	23	22	0	7
24	22	0	6	24	23	0	1
25	22	11	6	25	23	11	7
26	23	10	6	26	24	11	1
27	24	9	6	27	25	10	7
28	25	8	7	28	26	10	1
29	26	7	7	29	27	9	7
30	27	6	7	30	28	9	1
31	28	5	7	31	29	8	7
32	29	4	8	32	30	8	2
33	30	3	8	33	31	7	8
34	31	2	8	34	32	7	2
35	32	1	8	35	33	6	8
36	33	0	9	36	34	6	2
37	33	11	9	37	35	5	8
38	34	10	9	38	36	5	2
39	35	9	9	39	37	4	8
40	36	8	10	40	38	4	2
41	37	7	10	41	39	3	8
42	38	6	10	42	40	3	2
43	39	5	10	43	41	2	8
44	40	4	11	44	42	2	2
45	41	3	11	45	43	1	8

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	2	9 0	¼	0	2	10 6
½	0	5	6 0	½	0	5	9 0
¾	0	8	3 0	¾	0	8	7 6

Ft. long	Side 12 Inch.			Ft. long	Side 12 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	0	0	1	1	0	6
2	2	0	0	2	2	1	0
3	3	0	0	3	3	1	6
4	4	0	0	4	4	2	0
5	5	0	0	5	5	2	6
6	6	0	0	6	6	3	0
7	7	0	0	7	7	3	6
8	8	0	0	8	8	4	0
9	9	0	0	9	9	4	6
10	10	0	0	10	10	5	0
11	11	0	0	11	11	5	6
12	12	0	0	12	12	6	0
13	13	0	0	13	13	6	6
14	14	0	0	14	14	7	0
15	15	0	0	15	15	7	6
16	16	0	0	16	16	8	1
17	17	0	0	17	17	8	7
18	18	0	0	18	18	9	1
19	19	0	0	19	19	9	7
20	20	0	0	20	20	10	1
21	21	0	0	21	21	10	7
22	22	0	0	22	22	11	1
23	23	0	0	23	23	11	7
24	24	0	0	24	25	0	1
25	25	0	0	25	26	0	7
26	26	0	0	26	27	1	1
27	27	0	0	27	28	1	7
28	28	0	0	28	29	2	1
29	29	0	0	29	30	2	7
30	30	0	0	30	31	3	1
31	31	0	0	31	32	3	8
32	32	0	0	32	33	4	2
33	33	0	0	33	34	4	8
34	34	0	0	34	35	5	2
35	35	0	0	35	36	5	8
36	36	0	0	36	37	6	2
37	37	0	0	37	38	6	8
38	38	0	0	38	39	7	2
39	39	0	0	39	40	7	8
40	40	0	0	40	41	8	2
41	41	0	0	41	42	8	8
42	42	0	0	42	43	9	2
43	43	0	0	43	44	9	8
44	44	0	0	44	45	10	2
45	45	0	0	45	46	10	8

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	3	0 0	¼	0	3	1 6
½	0	6	0 0	½	0	6	3 0
¾	0	9	0 0	¾	0	9	4 6

Ft. long	Side 12 ½ Ft.	In.	Pa.
1	1	1	0
2	2	2	0
3	3	3	0
4	4	4	1
5	5	5	1
6	6	6	1
7	7	7	1
8	8	8	2
9	9	9	2
10	10	10	2
11	11	11	2
12	13	0	3
13	14	1	3
14	15	2	3
15	16	3	3
16	17	4	4
17	18	5	4
18	19	6	4
19	20	7	4
20	21	8	5
21	22	9	5
22	23	10	5
23	24	11	5
24	26	0	6
25	27	1	6
26	28	2	6
27	29	3	6
28	30	4	7
29	31	5	7
30	32	6	7
31	33	7	7
32	34	8	8
33	35	9	8
34	36	10	8
35	37	11	8
36	39	0	9
37	40	1	9
38	41	2	9
39	42	3	9
40	43	4	10
41	44	5	10
42	45	6	10
43	46	7	10
44	47	8	11
45	48	9	11

Quarters of a *Foot.*	Ft.	In.	Pa.	S.
¼	0	3	3	0
½	0	6	6	0
¾	0	9	9	0

Ft. long	Side 12 ¾ Ft.	In.	Pa.
1	1	1	6
2	2	3	1
3	3	4	7
4	4	6	2
5	5	7	8
6	6	9	3
7	7	10	9
8	9	0	4
9	10	1	11
10	11	3	5
11	12	5	0
12	13	6	6
13	14	8	1
14	15	9	7
15	16	11	2
16	18	0	9
17	19	2	3
18	20	3	10
19	21	5	4
20	22	6	11
21	23	8	5
22	24	10	0
23	25	11	6
24	27	1	1
25	28	2	8
26	29	4	2
27	30	5	9
28	31	7	3
29	32	8	10
30	33	10	4
31	34	11	11
32	36	1	6
33	37	3	0
34	38	4	7
35	39	6	1
36	40	7	8
37	41	9	2
38	42	10	9
39	44	0	3
40	45	1	10
41	46	3	5
42	47	4	11
43	48	6	6
44	49	8	0
45	50	9	7

Quarters of a *Foot.*	Ft.	In.	Pa.	S.
¼	0	3	4	6
½	0	6	9	0
¾	0	10	1	6

Ft. long	Side 13 Inch.			Ft. long	Side 13 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	2	1	1	1	2	7
2	2	4	2	2	2	5	3
3	3	6	3	3	3	7	10
4	4	8	4	4	4	10	6
5	5	10	5	5	6	1	1
6	7	0	6	6	7	3	9
7	8	2	7	7	8	6	4
8	9	4	8	8	9	9	0
9	10	6	9	9	10	11	8
10	11	8	10	10	12	2	3
11	12	10	11	11	13	4	11
12	14	1	0	12	14	7	6
13	15	3	1	13	15	10	2
14	16	5	2	14	17	0	9
15	17	7	3	15	18	3	5
16	18	9	4	16	19	6	1
17	19	11	5	17	20	8	8
18	21	1	6	18	21	11	4
19	22	3	7	19	23	1	11
20	23	5	8	20	24	4	7
21	24	7	9	21	25	7	2
22	25	9	10	22	26	9	10
23	26	11	11	23	28	0	5
24	28	2	0	24	29	3	1
25	29	4	1	25	30	5	9
26	30	6	2	26	31	8	4
27	31	8	3	27	32	11	0
28	32	10	4	28	34	1	7
29	34	0	5	29	35	4	3
30	35	2	6	30	36	6	10
31	36	4	7	31	37	9	6
32	37	6	8	32	39	0	2
33	38	8	9	33	40	2	9
34	39	10	10	34	41	5	5
35	41	0	11	35	42	8	0
36	42	3	0	36	43	10	8
37	43	5	1	37	45	1	3
38	44	7	2	38	46	3	11
39	45	9	3	39	47	6	6
40	46	11	4	40	48	9	2
41	48	1	5	41	49	11	10
42	49	3	6	42	51	2	5
43	50	5	7	43	52	5	1
44	51	7	8	44	53	7	8
45	52	9	9	45	54	10	4

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
1/4	0	3	6	3	0	3	7	9
1/2	0	7	0	6	0	7	3	6
3/4	0	10	6	9	0	10	11	3

Ft. long	Side 13 ½			Ft. long	Side 13 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	3	2	1	1	3	9
2	2	6	4	2	2	7	6
3	3	9	6	3	3	11	3
4	5	0	9	4	5	3	0
5	6	3	11	5	6	6	9
6	7	7	1	6	7	10	6
7	8	10	3	7	9	2	3
8	10	1	6	8	10	6	0
9	11	4	8	9	11	9	9
10	12	7	10	10	13	1	6
11	13	11	0	11	14	5	3
12	15	2	3	12	15	9	0
13	16	5	5	13	17	0	9
14	17	8	7	14	18	4	6
15	18	11	9	15	19	8	3
16	20	3	0	16	21	0	1
17	21	6	2	17	22	3	10
18	22	9	4	18	23	7	7
19	24	0	6	19	24	11	4
20	25	3	9	20	26	3	1
21	26	6	11	21	27	6	10
22	27	10	1	22	28	10	7
23	29	1	3	23	30	2	4
24	30	4	6	24	31	6	1
25	31	7	8	25	32	9	10
26	32	10	10	26	34	1	7
27	34	2	0	27	35	5	4
28	35	5	3	28	36	9	1
29	36	8	5	29	38	0	10
30	37	11	7	30	39	4	7
31	39	2	9	31	40	8	4
32	40	6	0	32	42	0	2
33	41	9	2	33	43	3	11
34	43	0	4	34	44	7	8
35	44	3	6	35	45	11	5
36	45	6	9	36	47	3	2
37	46	9	11	37	48	6	11
38	48	1	1	38	49	10	8
39	49	4	3	39	51	2	5
40	50	7	6	40	52	6	2
41	51	10	8	41	53	9	11
42	53	1	10	42	55	1	8
43	54	5	0	43	56	5	5
44	55	8	3	44	57	9	2
45	56	11	5	45	59	0	11

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	3	9	6	0	3	11	3
½	0	7	7	0	0	7	10	6
¾	0	11	4	6	0	11	9	9

Ft. long	Side 14 Inch.			Ft. long	Side 14 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	4	4	1	1	4	11
2	2	8	8	2	2	9	10
3	4	1	0	3	4	2	9
4	5	5	4	4	5	7	8
5	6	9	8	5	7	0	7
6	8	2	0	6	8	5	6
7	9	6	4	7	9	10	5
8	10	10	8	8	11	3	4
9	12	3	0	9	12	8	3
10	13	7	4	10	14	1	2
11	14	11	8	11	15	6	1
12	16	4	0	12	16	11	0
13	17	8	4	13	18	3	11
14	19	0	8	14	19	8	10
15	20	5	0	15	21	1	9
16	21	9	4	16	22	6	9
17	23	1	8	17	23	11	8
18	24	6	0	18	25	4	7
19	25	10	4	19	26	9	6
20	27	2	8	20	28	2	5
21	28	7	0	21	29	7	4
22	29	11	4	22	31	0	3
23	31	3	8	23	32	5	2
24	32	8	0	24	33	10	1
25	34	0	4	25	35	3	0
26	35	4	8	26	36	7	11
27	36	9	0	27	38	0	10
28	38	1	4	28	39	5	9
29	39	5	8	29	40	10	8
30	40	10	0	30	42	3	7
31	42	2	4	31	43	8	6
32	43	6	8	32	45	1	6
33	44	11	0	33	46	6	5
34	46	3	4	34	47	11	4
35	47	7	8	35	49	4	3
36	49	0	0	36	50	9	2
37	50	4	4	37	52	2	1
38	51	8	8	38	53	7	0
39	53	1	0	39	54	11	11
40	54	5	4	40	56	4	10
41	55	9	8	41	57	9	9
42	57	2	0	42	59	2	8
43	58	6	4	43	60	7	7
44	59	10	8	44	62	0	6
45	61	3	0	45	63	5	5

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	4	1 0	¼	0	4	2 9
½	0	8	2 0	½	0	8	5 6
¾	1	0	3 0	¾	1	0	8 3

Ft. long	Side 14½			Ft. long	Side 14¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	5	6	1	1	6	1
2	2	11	0	2	3	0	3
3	4	4	6	3	4	6	4
4	5	10	1	4	6	0	6
5	7	3	7	5	7	6	7
6	8	9	1	6	9	0	9
7	10	2	7	7	10	6	10
8	11	8	2	8	12	1	0
9	13	1	8	9	13	7	2
10	14	7	2	10	15	1	3
11	16	0	8	11	16	7	5
12	17	6	3	12	18	1	6
13	18	11	9	13	19	7	8
14	20	5	3	14	21	1	9
15	21	10	9	15	22	7	11
16	23	4	4	16	24	2	1
17	24	9	10	17	25	8	2
18	26	3	4	18	27	2	4
19	27	8	10	19	28	8	5
20	29	2	5	20	30	2	7
21	30	7	11	21	31	8	8
22	32	1	5	22	33	2	10
23	33	6	11	23	34	8	11
24	35	0	6	24	36	3	1
25	36	6	0	25	37	9	3
26	37	11	6	26	39	3	4
27	39	5	0	27	40	9	6
28	40	10	7	28	42	3	7
29	42	4	1	29	43	9	9
30	43	9	7	30	45	3	10
31	45	3	1	31	46	10	0
32	46	8	8	32	48	4	2
33	48	2	2	33	49	10	3
34	49	7	8	34	51	4	5
35	51	1	2	35	52	10	6
36	52	6	9	36	54	4	8
37	54	0	3	37	55	10	9
38	55	5	9	38	57	4	11
39	56	11	3	39	58	11	0
40	58	4	10	40	60	5	2
41	59	10	4	41	61	11	4
42	61	3	10	42	63	5	5
43	62	9	4	43	64	11	7
44	64	2	11	44	66	5	8
45	65	8	5	45	67	11	10

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
1/4	0	4	4 6	1/4	0	4	6 3
1/2	0	8	9 0	1/2	0	9	0 6
3/4	1	1	1 6	3/4	1	1	6 9

Ft. long	Side 15 Inch.			Ft. long	Side 15 ¼		
	Ft.	In.	ra.		Ft.	In.	Pa.
1	1	6	9	1	1	7	4
2	3	1	6	2	3	2	9
3	4	8	3	3	4	10	1
4	6	3	0	4	6	5	6
5	7	9	9	5	8	0	10
6	9	4	6	6	9	8	3
7	10	11	3	7	11	3	7
8	12	6	0	8	12	11	0
9	14	0	9	9	14	6	5
10	15	7	6	10	16	1	9
11	17	2	3	11	17	9	2
12	18	9	0	12	19	4	6
13	20	3	9	13	20	11	11
14	21	10	6	14	22	7	3
15	23	5	3	15	24	2	8
16	25	0	0	16	25	10	1
17	26	6	9	17	27	5	5
18	28	1	6	18	29	0	10
19	29	8	3	19	30	8	2
20	31	3	0	20	32	3	7
21	32	9	9	21	33	10	11
22	34	4	6	22	35	6	4
23	35	11	3	23	37	1	8
24	37	6	0	24	38	9	1
25	39	0	9	25	40	4	6
26	40	7	6	26	41	11	10
27	42	2	3	27	43	7	3
28	43	9	0	28	45	2	7
29	45	3	9	29	46	10	0
30	46	10	6	30	48	5	4
31	48	5	3	31	50	0	9
32	50	0	0	32	51	8	2
33	51	6	9	33	53	3	6
34	53	1	6	34	54	10	11
35	54	8	3	35	56	6	3
36	56	3	0	36	58	1	8
37	57	9	9	37	59	9	0
38	59	4	6	38	61	4	5
39	60	11	3	39	62	11	9
40	62	6	0	40	64	7	2
41	64	0	9	41	66	2	7
42	65	7	6	42	67	9	11
43	67	2	3	43	69	5	4
44	68	9	0	44	71	0	8
45	70	3	9	45	72	8	1

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	4	8	3	0	4	10	0
½	0	9	4	6	0	9	8	0
¾	1	2	0	9	1	2	6	0

Ft. long	Side 15 ½ Ft.	In.	Pa.	Ft. long	Side 15 ¾ Ft.	In.	Pa.
1	1	8	0	1	1	8	8
2	3	4	0	2	3	5	4
3	5	0	0	3	5	2	0
4	6	8	1	4	6	10	8
5	8	4	1	5	8	7	4
6	10	0	1	6	10	4	0
7	11	8	1	7	12	0	8
8	13	4	2	8	13	9	4
9	15	0	2	9	15	6	0
10	16	8	2	10	17	2	8
11	18	4	2	11	18	11	4
12	20	0	3	12	20	8	0
13	21	8	3	13	22	4	8
14	23	4	3	14	24	1	4
15	25	0	3	15	25	10	0
16	26	8	4	16	27	6	9
17	28	4	4	17	29	3	5
18	30	0	4	18	31	0	1
19	31	8	4	19	32	8	9
20	33	4	5	20	34	5	5
21	35	0	5	21	36	2	1
22	36	8	5	22	37	10	9
23	38	4	5	23	39	7	5
24	40	0	6	24	41	4	1
25	41	8	6	25	43	0	9
26	43	4	6	26	44	9	5
27	45	0	6	27	46	6	1
28	46	8	7	28	48	2	9
29	48	4	7	29	49	11	5
30	50	0	7	30	51	8	1
31	51	8	7	31	53	4	9
32	53	4	8	32	55	1	6
33	55	0	8	33	56	10	2
34	56	8	8	34	58	6	10
35	58	4	8	35	60	3	6
36	60	0	9	36	62	0	2
37	61	8	9	37	63	8	10
38	63	4	9	38	65	5	6
39	65	0	9	39	67	2	2
40	66	8	10	40	68	10	10
41	68	4	10	41	70	7	6
42	70	0	10	42	72	4	2
43	71	8	10	43	74	0	10
44	73	4	11	44	75	9	6
45	75	0	11	45	77	6	2

Quarters of a Foot.	Ft.	In.	Pa.	S.	*Quarters* of a Foot.	Ft.	In.	Pa.	S.
¼	0	5	0	0	¼	0	5	2	0
½	0	10	0	0	½	0	10	4	0
¾	1	3	0	0	¾	1	3	6	0

Ft. long	Side 16 Inch.			Ft. long	Side 16 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	9	4	1	1	10	0
2	3	6	8	2	3	8	0
3	5	4	0	3	5	6	0
4	7	1	4	4	7	4	0
5	8	10	8	5	9	2	0
6	10	8	0	6	11	0	0
7	12	5	4	7	12	10	0
8	14	2	8	8	14	8	0
9	16	0	0	9	16	6	0
10	17	9	4	10	18	4	0
11	19	6	8	11	20	2	0
12	21	4	0	12	22	0	0
13	23	1	4	13	23	10	0
14	24	10	8	14	25	8	0
15	26	8	0	15	27	6	0
16	28	5	4	16	29	4	1
17	30	2	8	17	31	2	1
18	32	0	0	18	33	0	1
19	33	9	4	19	34	10	1
20	35	6	8	20	36	8	1
21	37	4	0	21	38	6	1
22	39	1	4	22	40	4	1
23	40	10	8	23	42	2	1
24	42	8	0	24	44	0	1
25	44	5	4	25	45	10	1
26	46	2	8	26	47	8	1
27	48	0	0	27	49	6	1
28	49	9	4	28	51	4	1
29	51	6	8	29	53	2	1
30	53	4	0	30	55	0	1
31	55	1	4	31	56	10	1
32	56	10	8	32	58	8	2
33	58	8	0	33	60	6	2
34	60	5	4	34	62	4	2
35	62	2	8	35	64	2	2
36	64	0	0	36	66	0	2
37	65	9	4	37	67	10	2
38	67	6	8	38	69	8	2
39	69	4	0	39	71	6	2
40	71	1	4	40	73	4	2
41	72	10	8	41	75	2	2
42	74	8	0	42	77	0	2
43	76	5	4	43	78	10	2
44	78	2	8	44	80	8	2
45	80	0	0	45	82	6	2

Quarters of a Foot.				*Quarters of a Foot.*			
	Ft.	In.	P.	S.	Ft.	In.	Pa.	S.
¼	0	5	4	0	0	5	6	0
½	0	10	8	0	0	11	0	0
¾	1	4	0	0	1	4	6	0

Ft.long	Side 16 ½			Ft.long	Side 16 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	10	8	1	1	11	4
2	3	9	4	2	3	10	9
3	5	8	0	3	5	10	1
4	7	6	9	4	7	9	6
5	9	5	5	5	9	8	10
6	11	4	1	6	11	8	3
7	13	2	9	7	13	7	7
8	15	1	6	8	15	7	0
9	17	0	2	9	17	6	5
10	18	10	10	10	19	5	9
11	20	9	6	11	21	5	2
12	22	8	3	12	23	4	6
13	24	6	11	13	25	3	11
14	26	5	7	14	27	3	3
15	28	4	3	15	29	2	8
16	30	3	0	16	31	2	1
17	32	1	8	17	33	1	5
18	34	0	4	18	35	0	10
19	35	11	0	19	37	0	2
20	37	9	9	20	38	11	7
21	39	8	5	21	40	10	11
22	41	7	1	22	42	10	4
23	43	5	9	23	44	9	8
24	45	4	6	24	46	9	1
25	47	3	2	25	48	8	6
26	49	1	10	26	50	7	10
27	51	0	6	27	52	7	3
28	52	11	3	28	54	6	7
29	54	9	11	29	56	6	0
30	56	8	7	30	58	5	4
31	58	7	3	31	60	4	9
32	60	6	0	32	62	4	2
33	62	4	8	33	64	3	6
34	64	3	4	34	66	2	11
35	66	2	0	35	68	2	3
36	68	0	9	36	70	1	8
37	69	11	5	37	72	1	0
38	71	10	1	38	74	0	5
39	73	8	9	39	75	11	9
40	75	7	6	40	77	11	2
41	77	6	2	41	79	10	7
42	79	4	10	42	81	9	11
43	81	3	6	43	83	9	4
44	83	2	3	44	85	8	8
45	85	0	11	45	87	8	1

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	5 ¼	8	0	¼	0	5	10	0
½	0	11	4	0	½	0	11	8	0
¾	1	5	0	0	¾	1	5	6	0

Ft. long	Side 17 Inch.			Ft. long	Side 17 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	0	1	1	2	0	9
2	4	0	2	2	4	1	7
3	6	0	3	3	6	2	4
4	8	0	4	4	8	3	2
5	10	0	5	5	10	3	11
6	12	0	6	6	12	4	9
7	14	0	7	7	14	5	6
8	16	0	8	8	16	6	4
9	18	0	9	9	18	7	2
10	20	0	10	10	20	7	11
11	22	0	11	11	22	8	9
12	24	1	0	12	24	9	6
13	26	1	1	13	26	10	4
14	28	1	2	14	28	11	1
15	30	1	3	15	30	11	11
16	32	1	4	16	33	0	9
17	34	1	5	17	35	1	6
18	36	1	6	18	37	2	4
19	38	1	7	19	39	3	1
20	40	1	8	20	41	3	11
21	42	1	9	21	43	4	8
22	44	1	10	22	45	5	6
23	46	1	11	23	47	6	3
24	48	2	0	24	49	7	1
25	50	2	1	25	51	7	11
26	52	2	2	26	53	8	8
27	54	2	3	27	55	9	6
28	56	2	4	28	57	10	3
29	58	2	5	29	59	11	1
30	60	2	6	30	61	11	10
31	62	2	7	31	64	0	8
32	64	2	8	32	66	1	6
33	66	2	9	33	68	2	3
34	68	2	10	34	70	3	1
35	70	2	11	35	72	3	10
36	72	3	0	36	74	4	8
37	74	3	1	37	76	5	5
38	76	3	2	38	78	6	3
39	78	3	3	39	80	7	0
40	80	3	4	40	82	7	10
41	82	3	5	41	84	8	8
42	84	3	6	42	86	9	5
43	86	3	7	43	88	10	3
44	88	3	8	44	90	11	0
45	90	3	9	45	92	11	10

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	6	0	3	0	6	2	3
½	1	0	0	6	1	0	4	6
¾	1	6	0	9	1	6	6	9

Ft. long	Side 17 ½			Ft. long	Side 17 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	1	6	1	2	2	3
2	4	3	0	2	4	4	6
3	6	4	6	3	6	6	9
4	8	6	1	4	8	9	0
5	10	7	7	5	10	11	3
6	12	9	1	6	13	1	6
7	14	10	7	7	15	3	9
8	17	0	2	8	17	6	0
9	19	1	8	9	19	8	3
10	21	3	2	10	21	10	6
11	23	4	8	11	24	0	9
12	25	6	3	12	26	3	0
13	27	7	9	13	28	5	3
14	29	9	3	14	30	7	6
15	31	10	9	15	32	9	9
16	34	0	4	16	35	0	1
17	36	1	10	17	37	2	4
18	38	3	4	18	39	4	7
19	40	4	10	19	41	6	10
20	42	6	5	20	43	9	1
21	44	7	11	21	45	11	4
22	46	9	5	22	48	1	7
23	48	10	11	23	50	3	10
24	51	0	6	24	52	6	1
25	53	2	0	25	54	8	4
26	55	3	6	26	56	10	7
27	57	5	0	27	59	0	10
28	59	6	7	28	61	3	1
29	61	8	1	29	63	5	4
30	63	9	7	30	65	7	7
31	65	11	1	31	67	9	10
32	68	0	8	32	70	0	2
33	70	2	2	33	72	2	5
34	72	3	8	34	74	4	8
35	74	5	2	35	76	6	11
36	76	6	9	36	78	9	2
37	78	8	3	37	80	11	5
38	80	9	9	38	83	1	8
39	82	11	3	39	85	3	11
40	85	0	10	40	87	6	2
41	87	2	4	41	89	8	5
42	89	3	10	42	91	10	8
43	91	5	4	43	94	0	11
44	93	6	11	44	96	3	2
45	95	8	5	45	98	5	5

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	6	4 6	¼	0	6	6 9
½	1	0	9 0	½	1	1	1 6
¾	1	7	1 6	¾	1	7	8 3

Ft. long	Side 18 Inch.			Ft. long	Side 18 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	3	0	1	2	3	9
2	4	6	0	2	4	7	6
3	6	9	0	3	6	11	3
4	9	0	0	4	9	3	0
5	11	3	0	5	11	6	9
6	13	6	0	6	13	10	6
7	15	9	0	7	16	2	3
8	18	0	0	8	18	6	0
9	20	3	0	9	20	9	9
10	22	6	0	10	23	1	6
11	24	9	0	11	25	5	3
12	27	0	0	12	27	9	0
13	29	3	0	13	30	0	9
14	31	6	0	14	32	4	6
15	33	9	0	15	34	8	3
16	36	0	0	16	37	0	1
17	38	3	0	17	39	3	10
18	40	6	0	18	41	7	7
19	42	9	0	19	43	11	4
20	45	0	0	20	46	3	1
21	47	3	0	21	48	6	10
22	49	6	0	22	50	10	7
23	51	9	0	23	53	2	4
24	54	0	0	24	55	6	1
25	56	3	0	25	57	9	10
26	58	6	0	26	60	1	7
27	60	9	0	27	62	5	4
28	63	0	0	28	64	9	1
29	65	3	0	29	67	0	10
30	67	6	0	30	69	4	7
31	69	9	0	31	71	8	4
32	72	0	0	32	74	0	2
33	74	3	0	33	76	3	11
34	76	6	0	34	78	7	8
35	78	9	0	35	80	11	5
36	81	0	0	36	83	3	2
37	83	3	0	37	85	6	11
38	85	6	0	38	87	10	8
39	87	9	0	39	90	2	5
40	90	0	0	40	92	6	2
41	92	3	0	41	94	9	11
42	94	6	0	42	97	1	8
43	96	9	0	43	99	5	5
44	99	0	0	44	101	9	2
45	101	3	0	45	104	0	11

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	6	9	0	0	6	11	3
½	1	1	6	0	1	1	10	6
¾	1	8	3	0	1	8	9	9

Ft. long	Side 18 ½ Ft.	In.	Pa.	Ft. long	Side 18 ¾ Ft.	In.	Pa.
1	2	4	6	1	2	5	3
2	4	9	0	2	4	10	7
3	7	1	6	3	7	3	10
4	9	6	1	4	9	9	2
5	11	10	7	5	12	2	5
6	14	3	1	6	14	7	9
7	16	7	7	7	17	1	0
8	19	0	2	8	19	6	4
9	21	4	8	9	21	11	8
10	23	9	2	10	24	4	11
11	26	1	8	11	26	10	3
12	28	6	3	12	29	3	6
13	30	10	9	13	31	8	10
14	33	3	3	14	34	2	1
15	35	7	9	15	36	7	5
16	38	0	4	16	39	0	9
17	40	4	10	17	41	6	0
18	42	9	4	18	43	11	4
19	45	1	10	19	46	4	7
20	47	6	5	20	48	9	11
21	49	10	11	21	51	3	2
22	52	3	5	22	53	8	6
23	54	7	11	23	56	1	9
24	57	0	6	24	58	7	1
25	59	5	0	25	61	0	5
26	61	9	6	26	63	5	8
27	64	2	0	27	65	11	0
28	66	6	7	28	68	4	3
29	68	11	1	29	70	9	7
30	71	3	7	30	73	2	10
31	73	8	1	31	75	8	2
32	76	0	8	32	78	1	6
33	78	5	2	33	80	6	9
34	80	9	8	34	83	0	1
35	83	2	2	35	85	5	4
36	85	6	9	36	87	10	8
37	87	11	3	37	90	3	11
38	90	3	9	38	92	9	3
39	92	8	3	39	95	2	6
40	95	0	10	40	97	7	10
41	97	5	4	41	100	1	2
42	99	9	10	42	102	6	5
43	102	2	4	43	104	11	9
44	104	6	11	44	107	5	0
45	106	11	5	45	109	10	4

Quarters of a Foot.	Ft.	In.	Pa.	S.	Quarters of a Foot.	Ft.	In.	Pa.	S.
¼	0	7	1	6	¼	0	7	3	9
½	1	2	3	0	½	1	2	7	6
¾	1	9	4	6	¾	1	9	11	3

H

Ft. long	Side 19 Inch.			Ft. long	Side 19 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	6	1	1	2	6	10
2	5	0	2	2	5	1	9
3	7	6	3	3	7	8	7
4	10	0	4	4	10	3	6
5	12	6	5	5	12	10	4
6	15	0	6	6	15	5	3
7	17	6	7	7	18	0	1
8	20	0	8	8	20	7	0
9	22	6	9	9	23	1	11
10	25	0	10	10	25	8	9
11	27	6	11	11	28	3	8
12	30	1	0	12	30	10	6
13	32	7	1	13	33	5	5
14	35	1	2	14	36	0	3
15	37	7	3	15	38	7	2
16	40	1	4	16	41	2	1
17	42	7	5	17	43	8	11
18	45	1	6	18	46	3	10
19	47	7	7	19	48	10	8
20	50	1	8	20	51	5	7
21	52	7	9	21	54	0	5
22	55	1	10	22	56	7	4
23	57	7	11	23	59	2	2
24	60	2	0	24	61	9	1
25	62	8	1	25	64	4	0
26	65	2	2	26	66	10	10
27	67	8	3	27	69	5	9
28	70	2	4	28	72	0	7
29	72	8	5	29	74	7	6
30	75	2	6	30	77	2	4
31	77	8	7	31	79	9	3
32	80	2	8	32	82	4	2
33	82	8	9	33	84	11	0
34	85	2	10	34	87	5	11
35	87	8	11	35	90	0	3
36	90	3	0	36	92	7	8
37	92	9	1	37	95	2	6
38	95	3	2	38	97	9	5
39	97	9	3	39	100	4	3
40	100	3	4	40	102	11	2
41	102	9	5	41	105	6	1
42	105	3	6	42	108	0	11
43	107	9	7	43	110	7	10
44	110	3	8	44	113	2	8
45	112	9	9	45	115	9	7

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	7	6 3	¼	0	7	8 6
½	1	3	0 6	½	1	3	5 0
¾	1	10	6 9	¾	1	11	1 6

Ft. long	Side 19 ½			Ft. long	Side 19 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	7	8	1	2	8	6
2	5	3	4	2	5	5	0
3	7	11	0	3	8	1	6
4	10	6	9	4	10	10	0
5	13	2	5	5	13	6	6
6	15	10	1	6	16	3	0
7	18	5	9	7	18	11	6
8	21	1	6	8	21	8	0
9	23	9	2	9	24	4	0
10	26	4	10	10	27	1	0
11	29	0	6	11	29	9	6
12	31	8	3	12	32	6	0
13	34	3	11	13	35	2	6
14	36	11	7	14	37	11	0
15	39	7	3	15	40	7	6
16	42	3	0	16	43	4	1
17	44	10	8	17	46	0	7
18	47	6	4	18	48	9	1
19	50	2	0	19	51	5	7
20	52	9	9	20	54	2	1
21	55	5	5	21	56	10	7
22	58	1	1	22	59	7	1
23	60	8	9	23	62	3	7
24	63	4	6	24	65	0	1
25	66	0	2	25	67	8	7
26	68	7	10	26	70	5	1
27	71	3	6	27	73	1	7
28	73	11	3	28	75	10	1
29	76	6	11	29	78	6	7
30	79	2	7	30	81	3	1
31	81	10	3	31	83	11	7
32	84	6	0	32	86	8	2
33	87	1	8	33	89	4	8
34	89	9	4	34	92	1	2
35	92	5	0	35	94	9	8
36	95	0	9	36	97	6	2
37	97	8	5	37	100	2	8
38	100	4	1	38	102	11	2
39	102	11	9	39	105	7	8
40	105	7	6	40	108	4	2
41	108	3	2	41	111	0	8
42	110	10	10	42	113	9	2
43	113	6	6	43	116	5	8
44	116	2	3	44	119	2	2
45	118	9	11	45	121	10	8

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	7	11	0	¼	0	8	1	6
½	1	3	10	0	½	1	4	3	0
¾	1	11	9	0	¾	2	0	4	6

Ft. long	Side 20 Inch.			Ft. long	Side 20 ¼		
	Ft.	in.	Pa.		Ft.	in.	Pa.
1	2	9	4	1	2	10	2
2	5	6	8	2	5	8	4
3	8	4	0	3	8	6	6
4	11	1	4	4	11	4	8
5	13	10	8	5	14	2	10
6	16	8	0	6	17	1	0
7	19	5	4	7	19	11	2
8	22	2	8	8	22	9	4
9	25	0	0	9	25	7	6
10	27	9	4	10	28	5	8
11	30	6	8	11	31	3	10
12	33	4	0	12	34	2	0
13	36	1	4	13	37	0	2
14	38	10	8	14	39	10	4
15	41	8	0	15	42	8	6
16	44	5	4	16	45	6	9
17	47	2	8	17	48	4	11
18	50	0	0	18	51	3	1
19	52	9	4	19	54	1	3
20	55	6	8	20	56	11	5
21	58	4	0	21	59	9	7
22	61	1	4	22	62	7	9
23	63	10	8	23	65	5	11
24	66	8	0	24	68	4	1
25	69	5	4	25	71	2	3
26	72	2	8	26	74	0	5
27	75	0	0	27	76	10	7
28	77	9	4	28	79	8	9
29	80	6	8	29	82	6	11
30	83	4	0	30	85	5	1
31	86	1	4	31	88	3	3
32	88	10	8	32	91	1	6
33	91	8	0	33	93	11	8
34	94	5	4	34	96	9	10
35	97	2	8	35	99	8	0
36	100	0	0	36	102	6	2
37	102	9	4	37	105	4	4
38	105	6	8	38	108	2	6
39	108	4	0	39	111	0	8
40	111	1	4	40	113	10	10
41	113	10	8	41	116	9	0
42	116	8	0	42	119	7	2
43	119	5	4	43	122	5	4
44	122	2	8	44	125	3	6
45	125	0	0	45	128	1	8

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	in.	Pa. S.		Ft.	in.	Pa. S.
¼	0	8	4　0	¼	0	8	6　6
½	1	4	8　0	½	1	5	1　0
¾	2	1	0　0	¾	2	1	7　6

Ft. long	Side 20 ½			Ft. long	Side 20 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	11	0	1	2	11	10
2	5	10	0	2	5	11	9
3	8	9	0	3	8	11	7
4	11	8	1	4	11	11	6
5	14	7	1	5	14	11	4
6	17	6	1	6	17	11	3
7	20	5	1	7	20	11	1
8	23	4	2	8	23	11	0
9	26	3	2	9	26	10	11
10	29	2	2	10	29	10	9
11	32	1	2	11	32	10	8
12	35	0	3	12	35	10	6
13	37	11	3	13	38	10	5
14	40	10	3	14	41	10	3
15	43	9	3	15	44	10	2
16	46	8	4	16	47	10	1
17	49	7	4	17	50	9	11
18	52	6	4	18	53	9	10
19	55	5	4	19	56	9	8
20	58	4	5	20	59	9	7
21	61	3	5	21	62	9	5
22	64	2	5	22	65	9	4
23	67	1	5	23	68	9	2
24	70	0	6	24	71	9	1
25	72	11	6	25	74	9	0
26	75	10	6	26	77	8	10
27	78	9	6	27	80	8	9
28	81	8	7	28	83	8	7
29	84	7	7	29	86	8	6
30	87	6	7	30	89	8	4
31	90	5	7	31	92	8	3
32	93	4	8	32	95	8	2
33	96	3	8	33	98	8	0
34	99	2	8	34	101	7	11
35	102	1	8	35	104	7	9
36	105	0	9	36	107	7	8
37	107	11	9	37	110	7	6
38	110	10	9	38	113	7	5
39	113	9	9	39	116	7	3
40	116	8	10	40	119	7	2
41	119	7	10	41	122	7	1
42	122	6	10	42	125	6	11
43	125	5	10	43	128	6	10
44	128	4	11	44	131	6	8
45	131	3	11	45	134	6	7

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	8	9	0	¼	0	8	11	6
½	1	5	6	0	½	1	5	11	0
¾	2	2	3	0	¾	2	2	10	6

Ft. long	Side 21 Inch.			Ft. long	Side 21 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	0	9	1	3	1	7
2	6	1	6	2	6	3	3
3	9	2	3	3	9	4	10
4	12	3	0	4	12	6	6
5	15	3	9	5	15	8	1
6	18	4	6	6	18	9	9
7	21	5	3	7	21	11	4
8	24	6	0	8	25	1	0
9	27	6	9	9	28	2	8
10	30	7	6	10	31	4	3
11	33	8	3	11	34	5	11
12	36	9	0	12	37	7	6
13	39	9	9	13	40	9	2
14	42	10	6	14	43	10	9
15	45	11	3	15	47	0	5
16	49	0	0	16	50	2	1
17	52	0	9	17	53	3	8
18	55	1	6	18	56	5	4
19	58	2	3	19	59	6	11
20	61	3	0	20	62	8	7
21	64	3	9	21	65	10	2
22	67	4	6	22	68	11	10
23	70	5	3	23	72	1	5
24	73	6	0	24	75	3	1
25	76	6	9	25	78	4	9
26	79	7	6	26	81	6	4
27	82	8	3	27	84	8	0
28	85	9	0	28	87	9	7
29	88	9	9	29	90	11	3
30	91	10	6	30	94	0	10
31	94	11	3	31	97	2	6
32	98	0	0	32	100	4	2
33	101	0	9	33	103	5	9
34	104	1	6	34	106	7	5
35	107	2	3	35	109	9	0
36	110	3	0	36	112	10	8
37	113	3	9	37	116	0	3
38	116	4	6	38	119	1	11
39	119	5	3	39	122	3	6
40	122	6	0	40	125	5	2
41	125	6	9	41	128	6	10
42	128	7	6	42	131	8	5
43	131	8	3	43	134	10	1
44	134	9	0	44	137	11	8
45	137	9	9	45	141	1	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	9	2	3	¼	0	9	4	9
½	1	6	4	6	½	1	6	9	6
¾	2	3	6	9	¾	2	4	2	3

Ft. long	Side 21 ½			Ft. long	Side 21 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	2	6	1	3	3	5
2	6	5	0	2	6	6	10
3	9	7	6	3	9	10	3
4	12	10	1	4	13	1	8
5	16	0	7	5	16	5	1
6	19	3	1	6	19	8	6
7	22	5	7	7	22	11	11
8	25	8	2	8	26	3	4
9	28	10	8	9	29	6	9
10	32	1	2	10	32	10	2
11	35	3	8	11	36	1	7
12	38	6	3	12	39	5	0
13	41	8	9	13	42	8	5
14	44	11	3	14	45	11	10
15	48	1	9	15	49	3	3
16	51	4	4	16	52	6	9
17	54	6	10	17	55	10	2
18	57	9	4	18	59	1	7
19	60	11	10	19	62	5	0
20	64	2	5	20	65	8	5
21	67	4	11	21	68	11	10
22	70	7	5	22	72	3	3
23	73	9	11	23	75	6	8
24	77	0	6	24	78	10	1
25	80	3	0	25	82	1	6
26	83	5	6	26	85	4	11
27	86	8	0	27	88	8	4
28	89	10	7	28	91	11	9
29	93	1	1	29	95	3	2
30	96	3	7	30	98	6	7
31	99	6	1	31	101	10	0
32	102	8	8	32	105	1	6
33	105	11	2	33	108	4	11
34	109	1	8	34	111	8	4
35	112	4	2	35	114	11	9
36	115	6	9	36	118	3	2
37	118	9	3	37	121	6	7
38	121	11	9	38	124	10	0
39	125	2	3	39	128	1	5
40	128	4	10	40	131	4	10
41	131	7	4	41	134	8	3
42	134	9	10	42	137	11	8
43	138	0	4	43	141	3	1
44	141	2	11	44	144	6	6
45	144	5	5	45	147	9	11

Quarters of a Foot.				*Quarters of a Foot.*			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	0	9	7	6	¼	0	9	10	3
½	1	7	3	0	½	1	7	8	6
¾	2	4	10	6	¾	2	5	6	9

Ft. long	Side 22 Inch.			Ft. long	Side 22 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	4	4	1	3	5	3
2	6	8	8	2	6	10	6
3	10	1	0	3	10	3	9
4	13	5	4	4	13	9	2
5	16	9	8	5	17	2	3
6	20	2	0	6	20	7	6
7	23	6	4	7	24	0	9
8	26	10	8	8	27	6	0
9	30	3	0	9	30	11	3
10	33	7	4	10	34	4	6
11	36	11	8	11	37	9	9
12	40	4	0	12	41	3	0
13	43	8	4	13	44	8	3
14	47	0	8	14	48	1	6
15	50	5	0	15	51	6	9
16	53	9	4	16	55	0	1
17	57	1	8	17	58	5	4
18	60	6	0	18	61	10	7
19	63	10	4	19	65	3	10
20	67	2	8	20	68	9	1
21	70	7	0	21	72	2	4
22	73	11	4	22	75	7	7
23	77	3	8	23	79	0	10
24	80	8	0	24	82	6	1
25	84	0	4	25	85	11	4
26	87	4	8	26	89	4	7
27	90	9	0	27	92	9	10
28	94	1	4	28	96	3	1
29	97	5	8	29	99	8	4
30	100	10	0	30	103	1	7
31	104	2	4	31	106	6	10
32	107	6	8	32	110	0	2
33	110	11	0	33	113	5	5
34	114	3	4	34	116	10	8
35	117	7	8	35	120	3	11
36	121	0	0	36	123	9	2
37	124	4	4	37	127	2	5
38	127	8	8	38	130	7	8
39	131	1	0	39	134	0	11
40	134	5	4	40	137	6	2
41	137	9	8	41	140	11	5
42	141	2	0	42	144	4	8
43	144	6	4	43	147	9	11
44	147	10	8	44	151	3	2
45	151	3	0	45	154	8	5

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	0	10	1 0	¼	0	10	3 9
½	1	8	2 0	½	1	8	7 6
¾	2	6	3 0	¾	2	6	11 3

Ft. long	Side 22 ½			Ft. long	Side 22 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	6	2	1	3	7	1
2	7	0	4	2	7	2	3
3	10	6	6	3	10	9	4
4	14	0	9	4	14	4	6
5	17	6	11	5	17	11	7
6	21	1	1	6	21	6	9
7	24	7	3	7	25	1	10
8	28	1	6	8	28	9	0
9	31	7	8	9	32	4	2
10	35	1	10	10	35	11	3
11	38	8	0	11	39	6	5
12	42	2	3	12	43	1	6
13	45	8	5	13	46	8	8
14	49	2	7	14	50	3	9
15	52	8	9	15	53	10	11
16	56	3	0	16	57	6	1
17	59	9	2	17	61	1	2
18	63	3	4	18	64	8	4
19	66	9	6	19	68	3	5
20	70	3	9	20	71	10	7
21	73	9	11	21	75	5	8
22	77	4	1	22	79	0	10
23	80	10	3	23	82	7	11
24	84	4	6	24	86	3	1
25	87	10	8	25	89	10	3
26	91	4	10	26	93	5	4
27	94	11	0	27	97	0	6
28	98	5	3	28	100	7	7
29	101	11	5	29	104	2	9
30	105	5	7	30	107	9	10
31	108	11	9	31	111	5	0
32	112	6	0	32	115	0	2
33	116	0	2	33	118	7	3
34	119	6	4	34	122	2	5
35	123	0	6	35	125	9	6
36	126	6	9	36	129	4	8
37	130	0	11	37	132	11	9
38	133	7	1	38	136	6	11
39	137	1	3	39	140	2	0
40	140	7	6	40	143	9	2
41	144	1	8	41	147	4	4
42	147	7	10	42	150	11	5
43	151	2	0	43	154	6	7
44	154	8	3	44	158	1	8
45	158	2	5	45	161	8	10

Quarters of a Foot.					Quarters of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa. S.
¼	0	10	6	6	¼	0	10	9 3
½	1	9	1	0	½	1	9	6 6
¾	2	7	7	6	¾	2	8	3 9

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Ft. long	Side 23 Inch. Ft.	In.	Pa.
1	3	8	1
2	7	4	2
3	11	0	3
4	14	8	4
5	18	4	5
6	22	0	6
7	25	8	7
8	29	4	8
9	33	0	9
10	36	8	10
11	40	4	11
12	44	1	0
13	47	9	1
14	51	5	2
15	55	1	3
16	58	9	4
17	62	5	5
18	66	1	6
19	69	9	7
20	73	5	8
21	77	1	9
22	80	9	10
23	84	5	11
24	88	2	0
25	91	10	1
26	95	6	2
27	99	2	3
28	102	10	4
29	106	6	5
30	110	2	6
31	113	10	7
32	117	6	8
33	121	2	9
34	124	10	10
35	128	6	11
36	132	3	0
37	135	11	1
38	139	7	2
39	143	3	3
40	146	11	4
41	150	7	5
42	154	3	6
43	157	11	7
44	161	7	8
45	165	3	9

Quarters of a Foot.

	Ft.	In.	Pa.	S.
1/4	0	11	0	3
1/2	1	10	0	6
3/4	2	9	0	9

Ft. long	Side 23 ¼ Ft.	In.	Pa.
1	3	9	0
2	7	6	1
3	11	3	1
4	15	0	2
5	18	9	2
6	22	6	3
7	26	3	3
8	30	0	4
9	33	9	5
10	37	6	5
11	41	3	6
12	45	0	6
13	48	9	7
14	52	6	7
15	56	3	8
16	60	0	9
17	63	9	9
18	67	6	10
19	71	3	10
20	75	0	11
21	78	9	11
22	82	7	0
23	86	4	0
24	90	1	1
25	93	10	2
26	97	7	2
27	101	4	3
28	105	1	3
29	108	10	4
30	112	7	4
31	116	4	5
32	120	1	6
33	123	10	6
34	127	7	7
35	131	4	7
36	135	1	8
37	138	10	8
38	142	7	9
39	146	4	9
40	150	1	10
41	153	10	11
42	157	7	11
43	161	5	0
44	165	2	0
45	168	11	1

Quarters of a Foot.

	Ft.	In.	Pa.	S.
1/4	0	11	3	0
1/2	1	10	6	0
3/4	2	9	9	0

Ft.long	Side 23 ½			Ft.long	Side 23 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	10	0	1	3	11	0
2	7	8	0	2	7	10	0
3	11	6	0	3	11	9	0
4	15	4	1	4	15	8	0
5	19	2	1	5	19	7	0
6	23	0	1	6	23	6	0
7	26	10	1	7	27	5	0
8	30	8	2	8	31	4	0
9	34	6	2	9	35	3	0
10	38	4	2	10	39	2	0
11	42	2	2	11	43	1	0
12	46	0	3	12	47	0	0
13	49	10	3	13	50	11	0
14	53	8	3	14	54	10	0
15	57	6	3	15	58	9	0
16	61	4	4	16	62	8	1
17	65	2	4	17	66	7	1
18	69	0	4	18	70	6	1
19	72	10	4	19	74	5	1
20	76	8	5	20	78	4	1
21	80	6	5	21	82	3	1
22	84	4	5	22	86	2	1
23	88	2	5	23	90	1	1
24	92	0	6	24	94	0	1
25	95	10	6	25	97	11	1
26	99	8	6	26	101	10	1
27	103	6	6	27	105	9	1
28	107	4	7	28	109	8	1
29	111	2	7	29	113	7	1
30	115	0	7	30	117	6	1
31	118	10	7	31	121	5	1
32	122	8	8	32	125	4	2
33	126	6	8	33	129	3	2
34	130	4	8	34	133	2	2
35	134	2	8	35	137	1	2
36	138	0	9	36	141	0	2
37	141	10	9	37	144	11	2
38	145	8	9	38	148	10	2
39	149	6	9	39	152	9	2
40	153	4	10	40	156	8	2
41	157	2	10	41	160	7	2
42	161	0	10	42	164	6	2
43	164	10	10	43	168	5	2
44	168	8	11	44	172	4	2
45	172	6	11	45	176	3	2

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	0	11	6	0	¼	0	11	9	0
½	1	11	0	0	½	1	11	6	0
¾	2	10	6	0	¾	2	11	3	0

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Ft. long	Side 24 Inch.			Ft. long	Side 24 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	0	0	1	4	1	0
2	8	0	0	2	8	2	0
3	12	0	0	3	12	3	0
4	16	0	0	4	16	4	0
5	20	0	0	5	20	5	0
6	24	0	0	6	24	6	0
7	28	0	0	7	28	7	0
8	32	0	0	8	32	8	0
9	36	0	0	9	36	9	0
10	40	0	0	10	40	10	0
11	44	0	0	11	44	11	0
12	48	0	0	12	49	0	0
13	52	0	0	13	53	1	0
14	56	0	0	14	57	2	0
15	60	0	0	15	61	3	0
16	64	0	0	16	65	4	1
17	68	0	0	17	69	5	1
18	72	0	0	18	73	6	1
19	76	0	0	19	77	7	1
20	80	0	0	20	81	8	1
21	84	0	0	21	85	9	1
22	88	0	0	22	89	10	1
23	92	0	0	23	93	11	1
24	96	0	0	24	98	0	1
25	100	0	0	25	102	1	1
26	104	0	0	26	106	2	1
27	108	0	0	27	110	3	1
28	112	0	0	28	114	4	1
29	116	0	0	29	118	5	1
30	120	0	0	30	122	6	1
31	124	0	0	31	126	7	1
32	128	0	0	32	130	8	2
33	132	0	0	33	134	9	2
34	136	0	0	34	138	10	2
35	140	0	0	35	142	11	2
36	144	0	0	36	147	0	2
37	148	0	0	37	151	1	2
38	152	0	0	38	155	2	2
39	156	0	0	39	159	3	2
40	160	0	0	40	163	4	2
41	164	0	0	41	167	5	2
42	168	0	0	42	171	6	2
43	172	0	0	43	175	7	2
44	176	0	0	44	179	8	2
45	180	0	0	45	183	9	2

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	1	0	0 0	¼	1	0	3 0
½	2	0	0 0	½	2	0	6 0
¾	3	0	0 0	¾	3	0	9 0

Ft. long	Side 24 ¼			Ft. long	Side 24 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	2	0	1	4	3	0
2	8	4	0	2	8	6	1
3	12	6	0	3	12	9	1
4	16	8	1	4	17	0	2
5	20	10	1	5	21	3	2
6	25	0	1	6	25	6	3
7	29	2	1	7	29	9	3
8	33	4	2	8	34	0	4
9	37	6	2	9	38	3	5
10	41	8	2	10	42	6	5
11	45	10	2	11	46	9	6
12	50	0	3	12	51	0	6
13	54	2	3	13	55	3	7
14	58	4	3	14	59	6	7
15	62	6	3	15	63	9	8
16	66	8	4	16	68	0	9
17	70	10	4	17	72	3	9
18	75	0	4	18	76	6	10
19	79	2	4	19	80	9	10
20	83	4	5	20	85	0	11
21	87	6	5	21	89	3	11
22	91	8	5	22	93	7	0
23	95	10	5	23	97	10	0
24	100	0	6	24	102	1	1
25	104	2	6	25	106	4	2
26	108	4	6	26	110	7	2
27	112	6	6	27	114	10	3
28	116	8	7	28	119	1	3
29	120	10	7	29	123	4	4
30	125	0	7	30	127	7	4
31	129	2	7	31	131	10	5
32	133	4	8	32	136	1	6
33	137	6	8	33	140	4	6
34	141	8	8	34	144	7	7
35	145	10	8	35	148	10	7
36	150	0	9	36	153	1	8
37	154	2	9	37	157	4	8
38	158	4	9	38	161	7	9
39	162	6	9	39	165	10	9
40	166	8	10	40	170	1	10
41	170	10	10	41	174	4	11
42	175	0	10	42	178	7	11
43	179	2	10	43	182	11	0
44	183	4	11	44	187	2	0
45	187	6	11	45	191	5	1

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	1	0	6 0	¼	1	0	9 0
½	2	1	0 0	½	2	1	6 0
¾	3	1	6 0	¾	3	2	3 0

Ft. long	Side 25 Inch.			Ft. long	Side 25 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	4	1	1	4	5	1
2	8	8	2	2	8	10	3
3	13	0	3	3	13	3	4
4	17	4	4	4	17	8	6
5	21	8	5	5	22	1	7
6	26	0	6	6	26	6	9
7	30	4	7	7	30	11	10
8	34	8	8	8	35	5	0
9	39	0	9	9	39	10	2
10	43	4	10	10	44	3	3
11	47	8	11	11	48	8	5
12	52	1	0	12	53	1	6
13	56	5	1	13	57	6	8
14	60	9	2	14	61	11	9
15	65	1	3	15	66	4	11
16	69	5	4	16	70	10	1
17	73	9	5	17	75	3	2
18	78	1	6	18	79	8	4
19	82	5	7	19	84	1	5
20	86	9	8	20	88	6	7
21	91	1	9	21	92	11	8
22	95	5	10	22	97	4	10
23	99	9	11	23	101	9	11
24	104	2	0	24	106	3	1
25	108	6	1	25	110	8	3
26	112	10	2	26	115	1	4
27	117	2	3	27	119	6	6
28	121	6	4	28	123	11	7
29	125	10	5	29	128	4	9
30	130	2	6	30	132	9	10
31	134	6	7	31	137	3	0
32	138	10	8	32	141	8	2
33	143	2	9	33	146	1	3
34	147	6	10	34	150	6	5
35	151	10	11	35	154	11	6
36	156	3	0	36	159	4	8
37	160	7	1	37	163	9	9
38	164	11	2	38	168	2	11
39	169	3	3	39	172	8	0
40	173	7	4	40	177	1	2
41	177	11	5	41	181	6	4
42	182	3	6	42	185	11	5
43	186	7	7	43	190	4	7
44	190	11	8	44	194	9	8
45	195	3	9	45	199	2	10

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	1	1	0	3	1	1	3	3
½	2	2	0	6	2	2	6	6
¾	3	3	0	9	3	3	9	9

Ft. long	Side 25 ½			Ft. long	Side 25 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	6	2	1	4	7	3
2	9	0	4	2	9	2	6
3	13	6	6	3	13	9	9
4	18	0	9	4	18	5	0
5	22	6	11	5	23	0	3
6	27	1	1	6	27	7	6
7	31	7	3	7	32	2	9
8	36	1	6	8	36	10	0
9	40	7	8	9	41	5	3
10	45	1	10	10	46	0	6
11	49	8	0	11	50	7	9
12	54	2	3	12	55	3	0
13	58	8	5	13	59	10	3
14	63	2	7	14	64	5	6
15	67	8	9	15	69	0	9
16	72	3	0	16	73	8	1
17	76	9	2	17	78	3	4
18	81	3	4	18	82	10	7
19	85	9	6	19	87	5	10
20	90	3	9	20	92	1	1
21	94	9	11	21	96	8	4
22	99	4	1	22	101	3	7
23	103	10	3	23	105	10	10
24	108	4	6	24	110	6	1
25	112	10	8	25	115	1	4
26	117	4	10	26	119	8	7
27	121	11	0	27	124	3	10
28	126	5	3	28	128	11	1
29	130	11	5	29	133	6	4
30	135	5	7	30	138	1	7
31	139	11	9	31	142	8	10
32	144	6	0	32	147	4	2
33	149	0	2	33	151	11	5
34	153	6	4	34	156	6	8
35	158	0	6	35	161	1	11
36	162	6	9	36	165	9	2
37	167	0	11	37	170	4	5
38	171	7	1	38	174	11	8
39	176	1	3	39	179	6	11
40	180	7	6	40	184	2	2
41	185	1	8	41	188	9	5
42	189	7	10	42	193	4	8
43	194	2	0	43	197	11	11
44	198	8	3	44	202	7	2
45	203	2	5	45	207	2	5

Quarters of a Foot.					*Quarters of a Foot.*				
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	1	1	6	6	¼	1	1	9	9
½	2	3	1	0	½	2	3	7	6
¾	3	4	7	6	¾	3	5	5	3

Ft. long	Side 26 Inch.			Ft. long	Side 26 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	8	4	1	4	9	5
2	9	4	8	2	9	6	10
3	14	1	0	3	14	4	3
4	18	9	4	4	19	1	8
5	23	5	8	5	23	11	1
6	28	2	0	6	28	8	6
7	32	10	4	7	33	5	11
8	37	6	8	8	38	3	4
9	42	3	0	9	43	0	9
10	46	11	4	10	47	10	2
11	51	7	8	11	52	7	7
12	56	4	0	12	57	5	0
13	61	0	4	13	62	2	5
14	65	8	8	14	66	11	10
15	70	5	0	15	71	9	3
16	75	1	4	16	76	6	9
17	79	9	8	17	81	4	2
18	84	6	0	18	86	1	7
19	89	2	4	19	90	11	0
20	93	10	8	20	95	8	5
21	98	7	0	21	100	5	10
22	103	3	4	22	105	3	3
23	107	11	8	23	110	0	8
24	112	8	0	24	114	10	1
25	117	4	4	25	119	7	6
26	122	0	8	26	124	4	11
27	126	9	0	27	129	2	4
28	131	5	4	28	133	11	9
29	136	1	8	29	138	9	2
30	140	10	0	30	143	6	7
31	145	6	4	31	148	4	0
32	150	2	8	32	153	1	6
33	154	11	0	33	157	10	11
34	159	7	4	34	162	8	4
35	164	3	8	35	167	5	9
36	169	0	0	36	172	3	2
37	173	8	4	37	177	0	7
38	178	4	8	38	181	10	0
39	183	1	0	39	186	7	5
40	187	9	4	40	191	4	10
41	192	5	8	41	196	2	3
42	197	2	0	42	200	11	8
43	201	10	4	43	205	9	1
44	206	6	8	44	210	6	6
45	211	3	0	45	215	3	11

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	P. S.		Ft.	In.	Pa. S.
¼	1	2	1 0	¼	1	2	4 3
½	2	4	2 0	½	2	4	8 6
¾	3	6	3 0	¾	3	7	0 9

Ft. long	Side 26 ½			Ft. long	Side 26 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	10	6	1	4	11	7
2	9	9	0	2	9	11	3
3	14	7	6	3	14	10	10
4	19	6	1	4	19	10	6
5	24	4	7	5	24	10	1
6	29	3	1	6	29	9	9
7	34	1	7	7	34	9	4
8	39	0	2	8	39	9	0
9	43	10	8	9	44	8	8
10	48	9	2	10	49	8	3
11	53	7	8	11	54	7	11
12	58	6	3	12	59	7	6
13	63	4	9	13	64	7	2
14	68	3	3	14	69	6	9
15	73	1	9	15	74	6	5
16	78	0	4	16	79	6	1
17	82	10	10	17	84	5	8
18	87	9	4	18	89	5	4
19	92	7	10	19	94	4	11
20	97	6	5	20	99	4	7
21	102	4	11	21	104	4	2
22	107	3	5	22	109	3	10
23	112	1	11	23	114	3	5
24	117	0	6	24	119	3	1
25	121	11	0	25	124	2	9
26	126	9	6	26	129	2	4
27	131	8	0	27	134	2	0
28	136	6	7	28	139	1	7
29	141	5	1	29	144	1	3
30	146	3	7	30	149	0	10
31	151	2	1	31	153	11	6
32	156	0	8	32	158	11	2
33	160	11	2	33	163	10	9
34	165	9	8	34	168	10	5
35	170	8	2	35	173	10	0
36	175	6	9	36	178	10	8
37	180	5	3	37	183	10	3
38	185	3	9	38	188	9	11
39	190	2	3	39	193	9	6
40	195	0	10	40	193	9	2
41	199	11	4	41	203	8	10
42	204	9	10	42	208	8	5
43	209	8	4	43	213	8	1
44	214	6	11	44	218	7	8
45	219	5	5	45	223	7	4

	Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	1	2	7	6	¼	1	2	10	9
½	2	5	3	0	½	2	5	9	6
¾	3	7	10	6	¾	3	8	8	3

K

Ft. long	Side 27 Inch			Ft. long	Side 27 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	0	9	1	5	1	10
2	10	1	6	2	10	3	9
3	15	2	3	3	15	5	7
4	20	3	0	4	20	7	6
5	25	3	9	5	25	9	4
6	30	4	6	6	30	11	3
7	35	5	3	7	36	1	1
8	40	6	0	8	41	3	0
9	45	6	9	9	46	4	11
10	50	7	6	10	51	6	9
11	55	8	3	11	56	8	8
12	60	9	0	12	61	10	6
13	65	9	9	13	67	0	5
14	70	10	6	14	72	2	3
15	75	11	3	15	77	4	2
16	81	0	0	16	82	6	1
17	86	0	9	17	87	7	11
18	91	1	6	18	92	9	10
19	96	2	3	19	97	11	8
20	101	3	0	20	103	1	7
21	106	3	9	21	108	3	5
22	111	4	6	22	113	5	4
23	116	5	3	23	118	7	2
24	121	6	0	24	123	9	1
25	126	6	9	25	128	11	0
26	131	7	6	26	134	0	10
27	136	8	3	27	139	2	9
28	141	9	0	28	144	4	7
29	146	9	9	29	149	6	6
30	151	10	6	30	154	8	4
31	156	11	3	31	159	10	3
32	162	0	0	32	165	0	2
33	167	0	9	33	170	2	0
34	172	1	6	34	175	3	11
35	177	2	3	35	180	5	9
36	182	3	0	36	185	7	8
37	187	3	9	37	190	9	6
38	192	4	6	38	195	11	5
39	197	5	3	39	201	1	3
40	202	6	0	40	206	3	2
41	207	6	9	41	211	5	1
42	212	7	6	42	216	6	11
43	217	8	3	43	221	8	10
44	222	9	0	44	226	10	8
45	227	9	9	45	232	0	7

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S	Ft.	In.	Pa.	S
¼	1	3	2	3	1	3	5	6
½	2	6	4	6	2	6	11	0
¾	3	9	6	9	3	10	4	6

Ft.long	Side 27 ½			Ft.long	Side 27 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	3	0	1	5	4	2
2	10	6	0	2	10	8	4
3	15	9	0	3	16	0	6
4	21	0	1	4	21	4	8
5	26	3	1	5	26	8	10
6	31	6	1	6	32	1	0
7	36	9	1	7	37	5	2
8	42	0	2	8	42	9	4
9	47	3	2	9	48	1	6
10	52	6	2	10	53	5	8
11	57	9	2	11	58	9	10
12	63	0	3	12	64	2	0
13	68	3	3	13	69	6	2
14	73	6	3	14	74	10	4
15	78	9	3	15	80	2	6
16	84	0	4	16	85	6	9
17	89	3	4	17	90	10	11
18	94	6	4	18	96	3	1
19	99	9	4	19	101	7	3
20	105	0	5	20	106	11	5
21	110	3	5	21	112	3	7
22	115	6	5	22	117	7	9
23	120	9	5	23	122	11	11
24	126	0	6	24	128	4	1
25	131	3	6	25	133	8	3
26	136	6	6	26	139	0	5
27	141	9	6	27	144	4	7
28	147	0	7	28	149	8	9
29	152	3	7	29	155	0	11
30	157	6	7	30	160	5	1
31	162	9	7	31	165	9	3
32	168	0	8	32	171	1	6
33	173	3	8	33	176	5	8
34	178	6	8	34	181	9	10
35	183	9	8	35	187	2	0
36	189	0	9	36	192	6	2
37	194	3	9	37	197	10	4
38	199	6	9	38	203	2	6
39	204	9	9	39	208	6	8
40	210	0	10	40	213	10	10
41	215	3	10	41	219	3	0
42	220	6	10	42	224	7	2
43	225	9	10	43	229	11	4
44	231	0	11	44	235	3	6
45	236	3	11	45	240	7	8

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	1	3	9 0	¼	1	4	0 6
½	2	7	6 0	½	2	8	1 0
¾	3	11	3 0	¾	4	0	1 6

Ft. long	Side 28 Inch.			Ft. long	Side 28 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	5	4	1	5	6	6
2	10	10	8	2	11	1	0
3	16	4	0	3	16	7	6
4	21	9	4	4	22	2	0
5	27	2	8	5	27	8	6
6	32	8	0	6	33	3	0
7	38	1	4	7	38	9	6
8	43	6	8	8	44	4	0
9	49	0	0	9	49	10	6
10	54	5	4	10	55	5	0
11	59	10	8	11	60	11	6
12	65	4	0	12	66	6	0
13	70	9	4	13	72	0	6
14	76	2	8	14	77	7	0
15	81	8	0	15	83	1	6
16	87	1	4	16	88	8	1
17	92	6	8	17	94	2	7
18	98	0	0	18	99	9	1
19	103	5	4	19	105	3	7
20	108	10	8	20	110	10	1
21	114	4	0	21	116	4	7
22	119	9	4	22	121	11	1
23	125	2	8	23	127	5	7
24	130	8	0	24	133	0	1
25	136	1	4	25	138	6	7
26	141	6	8	26	144	1	1
27	147	0	0	27	149	7	7
28	152	5	4	28	155	2	1
29	157	10	8	29	160	8	7
30	163	4	0	30	166	3	1
31	168	9	4	31	171	9	7
32	174	2	8	32	177	4	2
33	179	8	0	33	182	10	8
34	185	1	4	34	188	5	2
35	190	6	8	35	193	11	8
36	196	0	0	36	199	6	2
37	201	5	4	37	205	0	8
38	206	10	8	38	210	7	2
39	212	4	0	39	216	1	8
40	217	9	4	40	221	8	2
41	223	2	8	41	227	2	8
42	228	8	0	42	232	9	2
43	234	1	4	43	238	3	8
44	239	6	8	44	243	10	2
45	245	0	0	45	249	4	8

Quarters of a Foot				Quarters of a Foot			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	1	4	4	0	1	4	7	6
½	2	8	8	0	2	9	3	0
¾	4	1	0	0	4	1	10	6

Ft. long	Side 28 ½			Ft. long	Side 28 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	7	8	1	5	8	10
2	11	3	4	2	11	5	9
3	16	11	0	3	17	2	7
4	22	6	9	4	22	11	6
5	28	2	5	5	28	8	4
6	33	10	1	6	34	5	3
7	39	5	9	7	40	2	1
8	45	1	6	8	45	11	0
9	50	9	2	9	51	7	11
10	56	4	10	10	57	4	9
11	62	0	6	11	63	1	8
12	67	8	3	12	68	10	6
13	73	3	11	13	74	7	5
14	78	11	7	14	80	4	3
15	84	7	3	15	86	1	2
16	90	3	0	16	91	10	1
17	95	10	8	17	97	6	11
18	101	6	4	18	103	3	10
19	107	2	0	19	109	0	8
20	112	9	9	20	114	9	7
21	118	5	5	21	120	6	5
22	124	1	1	22	126	3	4
23	129	8	9	23	132	0	2
24	135	4	6	24	137	9	1
25	141	0	2	25	143	6	0
26	146	7	10	26	149	2	10
27	152	3	6	27	154	11	9
28	157	11	3	28	160	8	7
29	163	6	11	29	166	5	6
30	169	2	7	30	172	2	4
31	174	10	3	31	177	11	3
32	180	6	0	32	183	8	2
33	186	1	8	33	189	5	0
34	191	9	4	34	195	1	11
35	197	5	0	35	200	10	9
36	203	0	9	36	206	7	8
37	208	8	5	37	212	4	6
38	214	4	1	38	218	1	5
39	219	11	9	39	223	10	3
40	225	7	6	40	229	7	2
41	231	3	2	41	235	4	1
42	236	10	10	42	241	0	11
43	242	6	6	43	246	9	9
44	248	2	3	44	252	6	7
45	253	9	11	45	258	3	0

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	1	4	11	0	1	5	2	6
½	2	9	10	0	2	10	5	0
¾	4	2	9	0	4	3	7	6

Ft. long	Side 29 Inch.			Ft. long	Side 29 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	10	1	1	5	11	3
2	11	8	2	2	11	10	7
3	17	6	3	3	17	9	10
4	23	4	4	4	23	9	2
5	29	2	5	5	29	8	5
6	35	0	6	6	35	7	9
7	40	10	7	7	41	7	0
8	46	8	8	8	47	6	4
9	52	6	9	9	53	5	8
10	58	4	10	10	59	4	11
11	64	2	11	11	65	4	3
12	70	1	0	12	71	3	6
13	75	11	1	13	77	2	10
14	81	9	2	14	83	2	1
15	87	7	3	15	89	1	5
16	93	5	4	16	95	0	9
17	99	3	5	17	101	0	0
18	105	1	6	18	106	11	4
19	110	11	7	19	112	10	7
20	116	9	8	20	118	9	11
21	122	7	9	21	124	9	2
22	128	5	10	22	130	8	6
23	134	3	11	23	136	7	9
24	140	2	0	24	142	7	1
25	146	0	1	25	148	6	5
26	151	10	2	26	154	5	8
27	157	8	3	27	160	5	0
28	163	6	4	28	166	4	3
29	169	4	5	29	172	3	7
30	175	2	6	30	178	2	10
31	181	0	7	31	184	2	2
32	186	10	8	32	190	1	6
33	192	8	9	33	196	0	9
34	198	6	10	34	202	0	1
35	204	4	11	35	207	11	4
36	210	3	0	36	213	10	8
37	216	1	1	37	219	9	11
38	221	11	2	38	225	9	3
39	227	9	3	39	231	8	6
40	233	7	4	40	237	7	10
41	239	5	5	41	243	7	2
42	245	3	6	42	249	6	5
43	251	1	7	43	255	5	9
44	256	11	8	44	261	5	0
45	262	9	9	45	267	4	4

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	1	5	6	3	¼	1	5	9	9
½	2	11	0	6	½	2	11	7	6
¾	4	4	6	9	¾	4	5	5	3

Ft. long	Side 29 ½			Ft. long	Side 29 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	0	6	1	6	1	9
2	12	1	0	2	12	3	6
3	18	1	6	3	18	5	3
4	24	2	1	4	24	7	0
5	30	2	7	5	30	8	9
6	36	3	1	6	36	10	6
7	42	3	7	7	43	0	3
8	48	4	2	8	49	2	0
9	54	4	8	9	55	3	9
10	60	5	2	10	61	5	6
11	66	5	8	11	67	7	3
12	72	6	3	12	73	9	0
13	78	6	9	13	79	10	9
14	84	7	3	14	86	0	6
15	90	7	9	15	92	2	3
16	96	8	4	16	98	4	1
17	102	8	10	17	104	5	10
18	108	9	4	18	110	7	7
19	114	9	10	19	116	9	4
20	120	10	5	20	122	11	1
21	126	10	11	21	129	0	10
22	132	11	5	22	135	2	7
23	138	11	11	23	141	4	4
24	145	0	6	24	147	6	1
25	151	1	0	25	153	7	10
26	157	1	6	26	159	9	7
27	163	2	0	27	165	11	4
28	169	2	7	28	172	1	1
29	175	3	1	29	178	2	10
30	181	3	7	30	184	4	7
31	187	4	1	31	190	6	4
32	193	4	8	32	196	8	2
33	199	5	2	33	202	9	11
34	205	5	8	34	208	11	8
35	211	6	2	35	215	1	5
36	217	6	9	36	221	3	2
37	223	7	3	37	227	4	11
38	229	7	9	38	233	6	8
39	235	8	3	39	239	8	5
40	241	8	10	40	245	10	2
41	247	9	4	41	251	11	11
42	253	9	10	42	258	1	8
43	259	10	4	43	264	3	5
44	265	10	11	44	270	5	2
45	271	11	5	45	276	6	11

	Quarters of a Foot.				Quarters of a Foot.			
	Ft.	in.	Pa.	S.		Ft.	in.	Pa.	S.
¼	1	6	1	6	¼	1	6	5	3
½	3	0	3	0	½	3	0	10	6
¾	4	6	4	6	¾	4	7	3	9

Ft. long	Side 30 Inch.			Ft. long	Side 30 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	3	0	1	6	4	3
2	12	6	0	2	12	8	6
3	18	9	0	3	19	0	9
4	25	0	0	4	25	5	0
5	31	3	0	5	31	9	3
6	37	6	0	6	38	1	6
7	43	9	0	7	44	5	9
8	50	0	0	8	50	10	0
9	56	3	0	9	57	2	3
10	62	6	0	10	63	6	6
11	68	9	0	11	69	10	9
12	75	0	0	12	76	3	0
13	81	3	0	13	82	7	3
14	87	6	0	14	88	11	6
15	93	9	0	15	95	3	9
16	100	0	0	16	101	8	1
17	106	3	0	17	108	0	4
18	112	6	0	18	114	4	7
19	118	9	0	19	120	8	10
20	125	0	0	20	127	1	1
21	131	3	0	21	133	5	4
22	137	6	0	22	139	9	7
23	143	9	0	23	146	1	10
24	150	0	0	24	152	6	1
25	156	3	0	25	158	10	4
26	162	6	0	26	165	2	7
27	168	9	0	27	171	6	10
28	175	0	0	28	177	11	1
29	181	3	0	29	184	3	4
30	187	6	0	30	190	7	7
31	193	9	0	31	196	11	10
32	200	0	0	32	203	4	2
33	206	3	0	33	209	8	5
34	212	6	0	34	216	0	8
35	218	9	0	35	222	4	11
36	225	0	0	36	228	9	2
37	231	3	0	37	235	1	5
38	237	6	0	38	241	5	8
39	243	9	0	39	247	9	11
40	250	0	0	40	254	2	2
41	256	3	0	41	260	6	5
42	262	6	0	42	266	10	8
43	268	9	0	43	273	2	11
44	275	0	0	44	279	7	2
45	281	3	0	45	285	11	5

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	1	6	9	0	1	7	0	9
½	3	1	6	0	3	2	1	6
¾	4	8	3	0	4	9	2	3

Ft. long	Side 30 ½			Ft. long	Side 30 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	5	6	1	6	6	9
2	12	11	0	2	13	1	7
3	19	4	6	3	19	8	4
4	25	10	1	4	26	3	2
5	32	3	7	5	32	9	11
6	38	9	1	6	39	4	9
7	45	2	7	7	45	11	6
8	51	8	2	8	52	6	4
9	58	1	8	9	59	1	2
10	64	7	2	10	65	7	11
11	71	0	8	11	72	2	10
12	77	6	3	12	78	9	6
13	83	11	9	13	85	4	4
14	90	5	3	14	91	11	1
15	96	10	9	15	98	5	11
16	103	4	4	16	105	0	9
17	109	9	10	17	111	7	6
18	116	3	4	18	118	2	4
19	122	8	10	19	124	9	1
20	129	2	5	20	131	3	11
21	135	7	11	21	137	10	8
22	142	1	5	22	144	5	6
23	148	6	11	23	151	0	3
24	155	0	6	24	157	7	1
25	161	6	0	25	164	1	11
26	167	11	6	26	170	8	8
27	174	5	0	27	177	3	6
28	180	10	7	28	183	10	3
29	187	4	1	29	190	5	1
30	193	9	7	30	196	11	10
31	200	3	1	31	203	6	8
32	206	8	8	32	210	1	6
33	213	2	2	33	216	8	3
34	219	7	8	34	223	3	1
35	226	1	2	35	229	9	10
36	232	6	9	36	236	4	8
37	239	0	3	37	242	11	5
38	245	5	9	38	249	6	3
39	251	11	3	39	256	1	0
40	258	4	10	40	262	7	10
41	264	10	4	41	269	2	7
42	271	3	10	42	275	9	5
43	277	9	4	43	282	4	2
44	284	2	11	44	288	11	0
45	290	8	5	45	295	5	10

Quarters of a Foot.				*Quarters of a Foot.*			
	Ft.	In.	P.	S.		Ft.	In.	Pa.	S.
¼	1	7	4	6	¼	1	7	8	3
½	3	2	9	0	½	3	3	4	6
¾	4	10	1	6	¾	4	11	0	9

L

Ft. long	Side 31 Inch.			Ft. long	Side 31 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	8	1	1	6	9	4
2	13	4	2	2	13	6	9
3	20	0	3	3	20	4	1
4	26	8	4	4	27	1	6
5	33	4	5	5	33	10	10
6	40	0	6	6	40	8	3
7	46	8	7	7	47	5	7
8	53	4	8	8	54	3	0
9	60	0	9	9	61	0	5
10	66	8	10	10	67	9	9
11	73	4	11	11	74	7	2
12	80	1	0	12	81	4	6
13	86	9	1	13	88	1	11
14	93	5	2	14	94	11	3
15	100	1	3	15	101	8	8
16	106	9	4	16	108	6	1
17	113	5	5	17	115	3	5
18	120	1	6	18	122	0	10
19	126	9	7	19	128	10	2
20	133	5	8	20	135	7	7
21	140	1	9	21	142	4	11
22	146	9	10	22	149	2	4
23	153	5	11	23	155	11	8
24	160	2	0	24	162	9	1
25	166	10	1	25	169	6	6
26	173	6	2	26	176	3	10
27	180	2	3	27	183	1	3
28	186	10	4	28	189	10	7
29	193	6	5	29	196	8	0
30	200	2	6	30	203	5	4
31	206	10	7	31	210	2	9
32	213	6	8	32	217	0	2
33	220	2	9	33	223	9	6
34	226	10	10	34	230	6	11
35	233	6	11	35	237	4	3
36	240	3	0	36	244	1	8
37	246	11	1	37	250	11	0
38	253	7	2	38	257	8	5
39	260	3	3	39	264	5	9
40	266	11	4	40	271	3	2
41	273	7	5	41	278	0	7
42	280	3	6	42	284	9	11
43	286	11	7	43	291	7	4
44	293	7	8	44	298	4	8
45	300	3	9	45	305	2	1

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	1	8	0 3	¼	1	8	4 0
½	3	4	0 6	½	3	4	8 0
¾	5	0	0 9	¾	5	1	0 0

Ft. long	Side 31 ½ Ft.	In.	Pa.	Ft. long	Side 31 ¾ Ft.	In.	Pa.
1	6	10	8	1	7	0	0
2	13	9	4	2	14	0	0
3	20	8	0	3	21	0	0
4	27	6	9	4	28	0	0
5	34	5	5	5	35	0	0
6	41	4	1	6	42	0	0
7	48	2	9	7	49	0	0
8	55	1	6	8	56	0	0
9	62	0	2	9	63	0	0
10	68	10	10	10	70	0	0
11	75	9	6	11	77	0	0
12	82	8	3	12	84	0	0
13	89	6	11	13	91	0	0
14	96	5	7	14	98	0	0
15	103	4	3	15	105	0	0
16	110	3	0	16	112	0	1
17	117	1	8	17	119	0	1
18	124	0	4	18	126	0	1
19	130	11	0	19	133	0	1
20	137	9	9	20	140	0	1
21	144	8	5	21	147	0	1
22	151	7	1	22	154	0	1
23	158	5	9	23	161	0	1
24	165	4	6	24	168	0	1
25	172	3	2	25	175	0	1
26	179	1	10	26	182	0	1
27	186	0	6	27	189	0	1
28	192	11	3	28	196	0	1
29	199	9	11	29	203	0	1
30	206	8	7	30	210	0	1
31	213	7	3	31	217	0	1
32	210	6	0	32	224	0	2
33	227	4	8	33	231	0	2
34	234	3	4	34	238	0	2
35	241	2	0	35	245	0	2
36	248	0	9	36	252	0	2
37	254	11	5	37	259	0	2
38	261	10	1	38	266	0	2
39	268	8	9	39	273	0	2
40	275	7	6	40	280	0	2
41	282	6	2	41	287	0	2
42	289	4	10	42	294	0	2
43	296	3	6	43	301	0	2
44	303	2	3	44	308	0	2
45	310	0	11	45	315	0	2

Quarters of a Foot.	Ft.	In.	Pa.	S.	*Quarters of a Foot.*	Ft.	In.	Pa.	S.
¼	1	8	8	0	¼	1	9	0	0
½	3	5	4	0	½	3	6	0	0
¾	5	2	0	0	¾	5	3	0	0

Ft. long	Side 32 Inch.			Ft. long	Side 32 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	7	1	4	1	7	2	8
2	14	2	8	2	14	5	4
3	21	4	0	3	21	8	0
4	28	5	4	4	28	10	8
5	35	6	8	5	36	1	4
6	42	8	0	6	43	4	0
7	49	9	4	7	50	6	8
8	56	10	8	8	57	9	4
9	64	0	0	9	65	0	0
10	71	1	4	10	72	2	8
11	78	2	8	11	79	5	4
12	85	4	0	12	86	8	0
13	92	5	4	13	93	10	8
14	99	6	8	14	101	1	4
15	106	8	0	15	108	4	0
16	113	9	4	16	115	6	9
17	120	10	8	17	122	9	5
18	128	0	0	18	130	0	1
19	135	1	4	19	137	2	9
20	142	2	8	20	144	5	5
21	149	4	0	21	151	8	1
22	156	5	4	22	158	10	9
23	163	6	8	23	166	1	5
24	170	8	0	24	173	4	1
25	177	9	4	25	180	6	9
26	184	10	8	26	187	9	5
27	192	0	0	27	195	0	1
28	199	1	4	28	202	2	9
29	206	2	8	29	209	5	5
30	213	4	0	30	216	8	1
31	220	5	4	31	223	10	9
32	227	6	8	32	231	1	6
33	234	8	0	33	238	4	2
34	241	9	4	34	245	6	10
35	248	10	8	35	252	9	6
36	256	0	0	36	260	0	2
37	263	1	4	37	267	2	10
38	270	2	8	38	274	5	6
39	277	4	0	39	281	8	2
40	284	5	4	40	288	10	10
41	291	6	8	41	296	1	6
42	298	8	0	42	303	4	2
43	305	9	4	43	310	6	10
44	312	10	8	44	317	9	6
45	320	0	0	45	325	0	2

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	1	9	4	0	1	9	8	0
½	3	6	8	0	3	7	4	0
¾	5	4	0	0	5	5	0	0

Ft. long	Side 32 ½			Ft. long	Side 32 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	7	4	0	1	7	5	4
2	14	8	0	2	14	10	9
3	22	0	0	3	22	4	1
4	29	4	1	4	29	9	6
5	36	8	1	5	37	2	10
6	44	0	1	6	44	8	3
7	51	4	1	7	52	1	7
8	58	8	2	8	59	7	0
9	66	0	2	9	67	0	5
10	73	4	2	10	74	5	9
11	80	8	2	11	81	11	2
12	88	0	3	12	89	4	6
13	95	4	3	13	96	9	11
14	102	8	3	14	104	3	3
15	110	0	3	15	111	8	8
16	117	4	4	16	119	2	1
17	124	8	4	17	126	7	5
18	132	0	4	18	134	0	10
19	139	4	4	19	141	6	2
20	146	8	5	20	148	11	7
21	154	0	5	21	156	4	11
22	161	4	5	22	163	10	4
23	168	8	5	23	171	3	8
24	176	0	6	24	178	9	1
25	183	4	6	25	186	2	6
26	190	8	6	26	193	7	10
27	198	0	6	27	201	1	3
28	205	4	7	28	208	6	7
29	212	8	7	29	216	0	0
30	220	0	7	30	223	5	4
31	227	4	7	31	230	10	9
32	234	8	8	32	238	4	2
33	242	0	8	33	245	9	6
34	249	4	8	34	253	2	11
35	256	8	8	35	260	8	3
36	264	0	9	36	268	1	8
37	271	4	9	37	275	7	0
38	278	8	9	38	283	0	5
39	286	0	9	39	290	5	9
40	293	4	10	40	297	11	2
41	300	8	10	41	305	4	7
42	308	0	10	42	312	9	11
43	315	4	10	43	320	3	4
44	322	8	11	44	327	8	8
45	330	0	11	45	335	2	1

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	1	10	0	0	¼	1	10	4	0
½	3	8	0	0	½	3	8	8	0
¾	5	6	0	0	¾	5	7	0	0

Ft. long	Side 33 Inch.			Ft. long	Side 33 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	7	6	9	1	7	8	1
2	15	1	6	2	15	4	3
3	22	8	3	3	23	0	4
4	30	3	0	4	30	8	6
5	37	9	9	5	38	4	7
6	45	4	6	6	46	0	9
7	52	11	3	7	53	8	10
8	60	6	0	8	61	5	0
9	68	0	9	9	69	1	2
10	75	7	6	10	76	9	3
11	83	2	3	11	84	5	5
12	90	9	0	12	92	1	6
13	98	3	9	13	99	8	8
14	105	10	6	14	107	5	9
15	113	5	3	15	115	1	11
16	121	0	0	16	122	10	1
17	128	6	9	17	130	6	2
18	136	1	6	18	138	2	4
19	143	8	3	19	145	10	5
20	151	3	0	20	153	6	7
21	158	9	9	21	161	2	8
22	166	4	6	22	168	10	10
23	173	11	3	23	176	6	11
24	181	6	0	24	184	3	1
25	189	0	9	25	191	11	3
26	196	7	6	26	199	7	4
27	204	2	3	27	207	3	6
28	211	9	0	28	214	11	7
29	219	3	9	29	222	7	9
30	226	10	6	30	230	3	10
31	234	5	3	31	238	0	0
32	242	0	0	32	245	8	2
33	249	6	9	33	253	4	3
34	257	1	6	34	261	0	5
35	264	8	3	35	268	8	6
36	272	3	0	36	276	4	8
37	279	9	9	37	284	0	9
38	287	4	6	38	291	8	11
39	294	11	3	39	299	5	0
40	302	6	0	40	307	1	2
41	310	0	9	41	314	9	4
42	317	7	6	42	322	5	5
43	325	2	3	43	330	1	7
44	332	9	0	44	337	9	8
45	340	3	3	45	345	5	10

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	1	10	8	3	1	11	0	3
½	3	9	4	6	3	10	0	6
¾	5	8	0	9	5	9	0	9

Ft. long	Side 33 ½			Ft. long	Side 33 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	7	9	6	1	7	10	11
2	15	7	0	2	15	9	10
3	23	4	6	3	23	8	9
4	31	2	1	4	31	7	8
5	38	11	7	5	39	6	7
6	46	9	1	6	47	5	6
7	54	6	7	7	55	4	5
8	62	4	2	8	63	3	4
9	70	1	8	9	71	2	3
10	77	11	2	10	79	1	2
11	85	8	8	11	87	0	1
12	93	6	3	12	94	11	0
13	101	3	9	13	102	9	11
14	109	1	3	14	110	8	10
15	116	10	9	15	118	7	9
16	124	8	4	16	126	6	9
17	132	5	10	17	134	5	8
18	140	3	4	18	142	4	7
19	148	0	10	19	150	3	6
20	155	10	5	20	158	2	5
21	163	7	11	21	166	1	4
22	171	5	5	22	174	0	3
23	179	2	11	23	181	11	2
24	187	0	6	24	189	10	1
25	194	10	0	25	197	9	0
26	202	7	6	26	205	7	11
27	210	5	0	27	213	6	10
28	218	2	7	28	221	5	9
29	226	0	1	29	229	4	8
30	233	9	7	30	237	3	7
31	241	7	1	31	245	2	6
32	249	4	8	32	253	1	6
33	257	2	2	33	261	0	5
34	264	11	8	34	268	11	4
35	272	9	2	35	276	10	3
36	280	6	9	36	284	9	2
37	288	4	3	37	292	8	1
38	296	1	9	38	300	7	0
39	303	11	3	39	308	5	11
40	311	8	10	40	316	4	10
41	319	6	4	41	324	3	9
42	327	3	10	42	332	2	8
43	335	1	4	43	340	1	7
44	342	10	11	44	348	0	6
45	350	8	5	45	355	11	5

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa.	S		Ft.	In.	Pa.	S
¼	1	11	4	6	¼	1	11	8	9
½	3	10	9	0	½	3	11	5	6
¾	5	10	1	6	¾	5	11	2	3

Ft. long	Side 34 Inch.			Ft. long	Side 34 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	0	4	1	8	1	9
2	16	0	8	2	16	3	6
3	24	1	0	3	24	5	3
4	32	1	4	4	32	7	0
5	40	1	8	5	40	8	9
6	48	2	0	6	48	10	6
7	56	2	4	7	57	0	3
8	64	2	8	8	65	2	0
9	72	3	0	9	73	3	9
10	80	3	4	10	81	5	6
11	88	3	8	11	89	7	3
12	96	4	0	12	97	9	0
13	104	4	4	13	105	10	9
14	112	4	8	14	114	0	6
15	120	5	0	15	122	2	3
16	128	5	4	16	130	4	1
17	136	5	8	17	138	5	10
18	144	6	0	18	146	7	7
19	152	6	4	19	154	9	4
20	160	6	8	20	162	11	1
21	168	7	0	21	171	0	10
22	176	7	4	22	179	2	7
23	184	7	8	23	187	4	4
24	192	8	0	24	195	6	1
25	200	8	4	25	203	7	10
26	208	8	8	26	211	9	7
27	216	9	0	27	219	11	4
28	224	9	4	28	228	1	1
29	232	9	8	29	236	2	10
30	240	10	0	30	244	4	7
31	248	10	4	31	252	6	4
32	256	10	8	32	260	8	2
33	264	11	0	33	268	9	11
34	272	11	4	34	276	11	8
35	280	11	8	35	285	1	5
36	289	0	0	36	293	3	2
37	297	0	4	37	301	4	11
38	305	0	8	38	309	6	8
39	313	1	0	39	317	8	5
40	321	1	4	40	325	10	2
41	329	1	8	41	333	11	11
42	337	2	0	42	342	1	8
43	345	2	4	43	350	3	5
44	353	2	8	44	358	5	2
45	361	3	0	45	366	6	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	0	1	0	¼	2	0	5	3
½	4	0	2	0	½	4	0	10	9
¾	6	0	3	0	¾	6	1	3	9

Ft. long	Side 34 ½			Ft. long	Side 34 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	3	2	1	8	4	7
2	16	6	4	2	16	9	3
3	24	9	6	3	25	1	10
4	33	0	9	4	33	6	6
5	41	3	11	5	41	11	1
6	49	7	1	6	50	3	9
7	57	10	3	7	58	8	4
8	66	1	6	8	67	1	0
9	74	4	8	9	75	5	8
10	82	7	10	10	83	10	3
11	90	11	0	11	92	2	11
12	99	2	3	12	100	7	6
13	107	5	5	13	109	0	2
14	115	8	7	14	117	4	9
15	123	11	9	15	125	9	5
16	132	3	0	16	134	2	1
17	140	6	2	17	142	6	8
18	148	9	4	18	150	11	4
19	157	0	6	19	159	3	11
20	165	3	9	20	167	8	7
21	173	6	11	21	176	1	2
22	181	10	1	22	184	5	10
23	190	1	3	23	192	10	5
24	198	4	6	24	201	3	1
25	206	7	8	25	209	7	9
26	214	10	10	26	218	0	4
27	223	2	0	27	226	5	0
28	231	5	3	28	234	9	7
29	239	8	5	29	243	2	3
30	247	11	7	30	251	6	10
31	256	2	9	31	259	11	6
32	264	6	0	32	268	4	2
33	272	9	2	33	276	8	9
34	281	0	4	34	285	1	5
35	289	3	6	35	293	6	0
36	297	6	9	36	301	10	8
37	305	9	11	37	310	3	3
38	314	1	1	38	318	7	11
39	322	4	3	39	327	0	6
40	330	7	6	40	335	5	2
41	338	10	8	41	343	9	10
42	347	1	10	42	352	2	5
43	355	5	0	43	360	7	1
44	363	8	3	44	368	11	8
45	371	11	5	45	377	4	4

Quarter of a Foot.					Quarter of a Foot.				
q	Ft.	In.	Pa.	S.	q	Ft.	In.	Pa.	S.
¼	0	2	0	9 16	¼	0	2	1	1 9
½	0	4	1	7 0	½	0	4	2	3 6
¾	0	6	2	4 6	¾	0	6	3	5 3

Ft. long	Side 35 Inch.			Ft. long	Side 35 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	6	1	1	8	7	6
2	17	0	2	2	17	3	1
3	25	6	3	3	25	10	7
4	34	0	4	4	34	6	2
5	42	6	5	5	43	1	8
6	51	0	6	6	51	9	3
7	59	6	7	7	60	4	9
8	68	0	8	8	69	0	4
9	76	6	9	9	77	7	11
10	85	0	10	10	86	3	5
11	93	6	11	11	94	11	0
12	102	1	0	12	103	6	6
13	110	7	1	13	112	2	1
14	119	1	2	14	120	9	7
15	127	7	3	15	129	5	2
16	136	1	4	16	138	0	9
17	144	7	5	17	146	8	3
18	153	1	6	18	155	3	10
19	161	7	7	19	163	11	4
20	170	1	8	20	172	6	11
21	178	7	9	21	181	2	5
22	187	1	10	22	189	10	0
23	195	7	11	23	198	5	6
24	204	2	0	24	207	1	1
25	212	8	1	25	215	8	8
26	221	2	2	26	224	4	2
27	229	8	3	27	232	11	9
28	238	2	4	28	241	7	3
29	246	8	5	29	250	2	10
30	255	2	6	30	258	10	4
31	263	8	7	31	267	5	11
32	272	2	8	32	276	1	6
33	280	8	9	33	284	9	0
34	289	2	10	34	293	4	7
35	297	8	11	35	302	0	1
36	306	3	0	36	310	7	8
37	314	9	1	37	319	3	2
38	323	3	2	38	327	10	9
39	331	9	3	39	336	6	3
40	340	3	4	40	345	1	10
41	348	9	5	41	353	9	5
42	357	3	6	42	362	4	11
43	365	9	7	43	371	0	6
44	374	3	8	44	379	8	9
45	382	9	9	45	388	3	7

Quarters of a Foot.					Quarters of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	1	6	3	¼	2	1	10	6
½	4	3	0	6	½	4	3	9	0
¾	6	4	6	9	¾	6	5	7	6

Ft. long	Side 35 ½			Ft. long	Side 35 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	9	0	1	8	10	6
2	17	6	0	2	17	9	0
3	26	3	0	3	26	7	6
4	35	0	1	4	35	6	0
5	43	9	1	5	44	4	6
6	52	6	1	6	53	3	0
7	61	3	1	7	62	1	6
8	70	0	2	8	71	0	0
9	78	9	2	9	79	10	6
10	87	6	2	10	88	9	0
11	96	3	2	11	97	7	6
12	105	0	3	12	106	6	0
13	113	9	3	13	115	4	6
14	122	6	3	14	124	3	0
15	131	3	3	15	133	1	6
16	140	0	4	16	142	0	1
17	148	9	4	17	150	10	7
18	157	6	4	18	159	9	1
19	166	3	4	19	168	7	7
20	175	0	5	20	177	6	1
21	183	9	5	21	186	4	7
22	192	6	5	22	195	3	1
23	201	3	5	23	204	1	7
24	210	0	6	24	213	0	1
25	218	9	6	25	221	10	7
26	227	6	6	26	230	9	1
27	236	3	6	27	239	7	7
28	245	0	7	28	248	6	1
29	253	9	7	29	257	4	7
30	262	6	7	30	266	3	1
31	271	3	7	31	275	1	7
32	280	0	8	32	284	0	2
33	288	9	8	33	292	10	8
34	397	6	8	34	301	9	2
35	306	3	8	35	310	7	8
36	315	0	9	36	319	6	2
37	323	9	9	37	328	4	8
38	332	6	9	38	337	3	2
39	341	3	9	39	346	1	8
40	350	0	10	40	355	0	2
41	358	9	10	41	363	10	8
42	367	6	10	42	372	9	2
43	376	3	10	43	381	7	8
44	385	0	11	44	390	6	2
45	393	9	11	45	399	4	8

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	2	3	0	¼	2	2	7	6
½	4	4	6	0	½	4	5	3	0
¾	6	6	9	0	¾	6	7	10	6

Ft. long	Side 36 Inch.			Ft. long	Side 36 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	9	0	0	1	9	1	6
2	18	0	0	2	18	3	0
3	27	0	0	3	27	4	6
4	36	0	0	4	36	6	0
5	45	0	0	5	45	7	6
6	54	0	0	6	54	9	0
7	63	0	0	7	63	10	6
8	72	0	0	8	73	0	0
9	81	0	0	9	82	1	6
10	90	0	0	10	91	3	0
11	99	0	0	11	100	4	6
12	108	0	0	12	109	6	0
13	117	0	0	13	118	7	6
14	126	0	0	14	127	9	0
15	135	0	0	15	136	10	6
16	144	0	0	16	146	0	1
17	153	0	0	17	155	1	7
18	162	0	0	18	164	3	1
19	171	0	0	19	173	4	7
20	180	0	0	20	182	6	1
21	189	0	0	21	191	7	7
22	198	0	0	22	200	9	1
23	207	0	0	23	209	10	7
24	216	0	0	24	219	0	1
25	225	0	0	25	228	1	7
26	234	0	0	26	237	3	1
27	243	0	0	27	246	4	7
28	252	0	0	28	255	6	1
29	261	0	0	29	264	7	7
30	270	0	0	30	273	9	1
31	279	0	0	31	282	10	7
32	288	0	0	32	292	0	2
33	297	0	0	33	301	1	8
34	306	0	0	34	310	3	2
35	315	0	0	35	319	4	8
36	324	0	0	36	328	6	2
37	333	0	0	37	337	7	8
38	342	0	0	38	346	9	2
39	351	0	0	39	355	10	8
40	360	0	0	40	365	0	2
41	369	0	0	41	374	1	8
42	378	0	0	42	383	3	2
43	387	0	0	43	392	4	8
44	396	0	0	44	401	6	2
45	405	0	0	45	410	7	8

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	2	3	0	0	2	3	4	6
½	4	6	0	0	4	6	9	0
¾	6	9	0	0	6	10	1	6

Ft. long	Side 36½ Ft.	In.	Pa.	Ft. long	Side 36¼ Ft.	In.	Pa.
1	9	3	0	1	9	4	6
2	18	6	0	2	18	9	1
3	27	9	0	3	28	1	7
4	37	0	1	4	37	6	2
5	46	3	1	5	46	10	8
6	55	6	1	6	56	3	3
7	64	9	1	7	65	7	9
8	74	0	2	8	75	0	4
9	83	3	2	9	84	4	11
10	92	6	2	10	93	9	5
11	101	9	2	11	103	2	0
12	111	0	3	12	112	6	6
13	120	3	3	13	121	11	1
14	129	6	3	14	131	3	7
15	138	9	3	15	140	8	2
16	148	0	4	16	150	0	9
17	157	3	4	17	159	5	3
18	166	6	4	18	168	9	10
19	175	9	4	19	178	2	4
20	185	0	5	20	187	6	11
21	194	3	5	21	196	11	5
22	203	6	5	22	206	4	0
23	212	9	5	23	215	8	6
24	222	0	6	24	225	1	1
25	231	3	6	25	234	5	8
26	240	6	6	26	243	10	2
27	249	9	6	27	253	2	9
28	259	0	7	28	262	7	3
29	268	3	7	29	271	11	10
30	277	6	7	30	281	4	4
31	286	9	7	31	290	8	11
32	296	0	8	32	300	1	6
33	305	3	8	33	309	6	0
34	314	6	8	34	318	10	7
35	323	9	8	35	328	3	1
36	333	0	9	36	337	7	8
37	342	3	9	37	347	0	2
38	351	6	9	38	356	4	9
39	360	9	9	39	365	9	3
40	370	0	10	40	375	1	10
41	379	3	10	41	384	6	5
42	388	6	10	42	393	10	11
43	397	9	10	43	403	3	6
44	407	0	11	44	412	8	0
45	416	3	11	45	422	0	7

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. s.		Ft.	In.	Pa. s.
¼	2	3	9 0	¼	2	4	1 6
½	4	7	6 0	½	4	8	3 0
¾	6	11	3 0	¾	7	0	4 6

Ft. long	Side 37 Inch.			Ft. long	Side 37 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	9	6	1	1	9	7	7
2	19	0	2	2	19	3	3
3	28	6	3	3	28	10	10
4	38	0	4	4	38	6	6
5	47	6	5	5	48	2	1
6	57	0	6	6	57	9	9
7	66	6	7	7	67	5	4
8	76	0	8	8	77	1	0
9	85	6	9	9	86	8	8
10	95	0	10	10	96	4	3
11	104	6	11	11	105	11	11
12	114	1	0	12	115	7	6
13	123	7	1	13	125	3	2
14	133	1	2	14	134	10	9
15	142	7	3	15	144	6	5
16	152	1	4	16	154	2	1
17	161	7	5	17	163	9	8
18	171	1	6	18	173	5	4
19	180	7	7	19	183	0	11
20	190	1	8	20	192	8	7
21	199	7	9	21	202	4	2
22	209	1	10	22	211	11	10
23	218	7	11	23	221	7	5
24	228	2	0	24	231	3	1
25	237	8	1	25	240	10	9
26	247	2	2	26	250	6	4
27	256	8	3	27	260	2	0
28	266	2	4	28	269	9	9
29	275	8	5	29	279	5	3
30	285	2	6	30	289	0	10
31	294	8	7	31	298	8	6
32	304	2	8	32	308	4	2
33	313	8	9	33	317	11	9
34	323	2	10	34	327	7	5
35	332	8	10	35	337	3	0
36	342	3	0	36	346	10	8
37	351	9	1	37	356	6	3
38	361	3	2	38	366	1	11
39	370	9	3	39	375	9	6
40	380	3	4	40	385	5	2
41	389	9	5	41	395	0	10
42	399	3	6	42	404	8	5
43	408	9	7	43	414	4	1
44	418	3	8	44	423	11	8
45	427	9	9	45	433	7	4

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	2	4	6	3	2	4	10	9
½	4	9	0	6	4	9	9	6
¾	7	1	6	9	7	2	8	3

Ft. long	Side 37 ½			Ft. long	Side 37 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	9	9	2	1	9	10	9
2	19	6	4	2	19	9	6
3	29	3	6	3	29	8	3
4	39	0	9	4	39	7	0
5	48	9	11	5	49	5	9
6	58	7	1	6	59	4	6
7	68	4	3	7	69	3	3
8	78	1	6	8	79	2	0
9	87	10	8	9	89	0	9
10	97	7	10	10	98	11	6
11	107	5	0	11	108	10	3
12	117	2	3	12	118	9	0
13	126	11	5	13	128	7	9
14	136	8	7	14	138	6	6
15	146	5	9	15	148	5	3
16	156	3	0	16	158	4	1
17	166	0	2	17	168	2	10
18	175	9	4	18	178	1	7
19	185	6	6	19	188	0	4
20	195	3	9	20	197	11	1
21	205	0	11	21	207	9	10
22	214	10	1	22	217	8	7
23	224	7	3	23	227	7	4
24	234	4	6	24	237	6	1
25	244	1	8	25	247	4	10
26	253	10	10	26	257	3	7
27	263	8	0	27	267	2	4
28	273	5	3	28	277	1	1
29	283	2	5	29	286	11	10
30	292	11	7	30	296	10	7
31	302	8	9	31	306	9	4
32	312	6	0	32	316	8	2
33	322	3	2	33	326	6	11
34	332	0	4	34	336	5	8
35	341	9	6	35	346	4	5
36	351	6	9	36	356	3	2
37	361	3	11	37	366	1	11
38	371	1	1	38	376	0	8
39	380	10	3	39	385	11	5
40	390	7	6	40	395	10	2
41	400	4	8	41	405	8	11
42	410	1	10	42	415	7	8
43	419	11	0	43	425	6	5
44	429	8	3	44	435	5	2
45	439	5	5	45	445	3	11

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	2	5	3	6	¼	2	5	8	3
½	4	10	7	0	½	4	11	4	6
¾	7	3	10	6	¾	7	5	0	9

Ft. long	Side 38 Inch.			Ft. long	Side 38 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	0	4	1	10	1	11
2	20	0	8	2	20	3	10
3	30	1	0	3	30	5	9
4	40	1	4	4	40	7	8
5	50	1	8	5	50	9	7
6	60	2	0	6	60	11	6
7	70	2	4	7	71	1	5
8	80	2	8	8	81	3	4
9	90	3	0	9	91	5	3
10	100	3	4	10	101	7	2
11	110	3	8	11	111	9	1
12	120	4	0	12	121	11	0
13	130	4	4	13	132	0	11
14	140	4	8	14	142	2	10
15	150	5	0	15	152	4	9
16	160	5	4	16	162	6	9
17	170	5	8	17	172	8	8
18	180	6	0	18	182	10	7
19	190	6	4	19	193	0	6
20	200	6	8	20	203	2	5
21	210	7	0	21	213	4	4
22	220	7	4	22	223	6	3
23	230	7	8	23	233	8	2
24	240	8	0	24	243	10	1
25	250	8	4	25	254	0	0
26	260	8	8	26	264	1	11
27	270	9	0	27	274	3	10
28	280	9	4	28	284	5	9
29	290	9	8	29	294	7	8
30	300	10	0	30	304	9	7
31	310	10	4	31	314	11	6
32	320	10	8	32	325	1	6
33	330	11	0	33	335	3	5
34	340	11	4	34	345	5	4
35	350	11	8	35	355	7	3
36	361	0	0	36	365	9	2
37	371	0	4	37	375	11	1
38	381	0	8	38	386	1	0
39	391	1	0	39	396	2	11
40	401	1	4	40	406	4	10
41	411	1	8	41	416	6	9
42	421	2	0	42	426	8	8
43	431	2	4	43	436	10	7
44	441	2	8	44	447	0	6
45	451	3	0	45	457	2	5

Quarters of a Foot.

	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	2	6	1 0	¼	2	0	5 9
½	5	0	2 0	½	5	0	11 6
¾	7	6	3 0	¾	7	7	5 3

Ft. long	Side 38½			Ft. long	Side 38¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	3	6	1	10	5	1
2	20	7	0	2	20	10	3
3	30	10	6	3	31	3	4
4	41	2	1	4	41	8	6
5	51	5	7	5	52	1	7
6	61	9	1	6	62	6	9
7	72	0	7	7	72	11	10
8	82	4	2	8	83	5	0
9	92	7	8	9	93	10	2
10	102	11	2	10	104	3	3
11	113	2	8	11	114	8	5
12	123	6	3	12	125	1	6
13	133	9	9	13	135	6	8
14	144	1	3	14	145	11	9
15	154	4	9	15	156	4	11
16	164	8	4	16	166	10	1
17	174	11	10	17	177	3	2
18	185	3	4	18	187	8	4
19	195	6	10	19	198	1	5
20	205	10	5	20	208	6	7
21	216	1	11	21	218	11	8
22	226	5	5	22	229	4	10
23	236	8	11	23	239	9	11
24	247	0	6	24	250	3	1
25	257	4	0	25	260	8	3
26	267	7	6	26	271	1	4
27	277	11	0	27	281	6	6
28	288	2	7	28	291	11	7
29	298	6	1	29	302	4	9
30	308	9	7	30	312	9	10
31	319	1	1	31	323	3	0
32	329	4	8	32	333	8	2
33	339	8	2	33	344	1	3
34	349	11	8	34	354	6	5
35	360	3	2	35	364	11	6
36	370	6	9	36	375	4	8
37	380	10	3	37	385	9	9
38	391	1	9	38	396	2	11
39	401	5	3	39	406	8	0
40	411	8	10	40	417	1	2
41	422	0	4	41	427	6	4
42	432	3	10	42	437	11	5
43	442	7	4	43	448	4	7
44	452	10	11	44	458	9	8
45	463	2	5	45	469	2	10

Quarters of a Foot.				*Quarters of a Foot.*			
	Ft.	In.	P.	S.	Ft.	In.	Pa.	S.
¼	2	6	10	6	2	7	3	3
½	5	1	9	8	5	2	6	6
¾	7	8	7	6	7	9	9	9

N

Ft. long	Side 39 Inch.			Ft. long	Side 39 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	6	9	1	10	8	4
2	21	1	6	2	21	4	9
3	31	8	3	3	32	1	1
4	42	3	0	4	42	9	6
5	52	9	9	5	53	5	10
6	63	4	6	6	64	2	3
7	73	11	3	7	74	10	7
8	84	6	0	8	85	7	0
9	95	0	9	9	96	3	5
10	105	7	6	10	106	11	9
11	116	2	3	11	117	8	2
12	126	9	0	12	128	4	6
13	137	3	9	13	139	0	11
14	147	10	6	14	149	9	3
15	158	5	3	15	160	5	8
16	169	0	0	16	171	2	1
17	179	6	9	17	181	10	5
18	190	1	6	18	192	6	10
19	200	8	3	19	203	3	2
20	211	3	0	20	213	11	7
21	221	9	9	21	224	7	11
22	232	4	6	22	235	4	4
23	242	11	3	23	246	0	8
24	253	6	0	24	256	9	1
25	264	0	9	25	267	5	6
26	274	7	6	26	278	1	10
27	285	2	3	27	288	10	3
28	295	9	0	28	299	6	7
29	306	3	9	29	310	3	0
30	316	10	6	30	320	11	4
31	327	5	3	31	331	7	9
32	338	0	0	32	342	4	2
33	348	6	9	33	353	0	6
34	359	1	6	34	363	8	11
35	369	8	3	35	374	5	3
36	380	3	0	36	385	1	8
37	390	9	9	37	395	10	0
38	401	4	6	38	406	6	5
39	411	11	3	39	417	2	9
40	422	6	0	40	427	11	2
41	433	0	9	41	438	7	7
42	443	7	6	42	449	3	11
43	454	2	3	43	460	0	4
44	464	9	0	44	470	8	8
45	475	3	9	45	481	5	1

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	7	8	3	¼	2	8	1	0
½	5	3	4	6	½	5	4	2	0
¾	7	11	0	9	¾	8	0	3	0

Ft. long	Side 39½			Ft. long	Side 39¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	10	0	1	10	11	8
2	21	8	0	2	21	11	4
3	32	6	0	3	32	11	0
4	43	4	1	4	43	10	8
5	54	2	1	5	54	10	4
6	65	0	1	6	65	10	0
7	75	10	1	7	76	9	8
8	86	8	2	8	87	9	4
9	97	6	2	9	98	9	0
10	108	4	2	10	109	8	8
11	119	2	2	11	120	8	4
12	130	0	3	12	131	8	0
13	140	10	3	13	142	7	8
14	151	8	3	14	153	7	4
15	162	6	3	15	164	7	0
16	173	4	4	16	175	6	8
17	184	2	4	17	186	6	4
18	195	0	4	18	197	6	0
19	205	10	4	19	208	5	9
20	216	8	5	20	219	5	5
21	227	6	5	21	230	5	1
22	238	4	5	22	241	4	9
23	249	2	5	23	252	4	5
24	260	0	6	24	263	4	1
25	270	10	6	25	274	3	9
26	281	8	6	26	285	3	5
27	292	6	6	27	296	3	1
28	303	4	7	28	307	2	9
29	314	2	7	29	318	2	5
30	325	0	7	30	329	2	1
31	335	10	7	31	340	1	9
32	346	8	8	32	351	1	6
33	357	6	8	33	362	1	2
34	368	4	8	34	373	0	10
35	379	2	8	35	384	0	6
36	390	0	9	36	395	0	2
37	400	10	9	37	405	11	10
38	411	8	9	38	416	11	6
39	422	6	9	39	427	11	2
40	433	4	10	40	438	10	10
41	444	2	10	41	449	10	6
42	455	0	10	42	460	10	2
43	465	10	10	43	471	9	10
44	476	8	11	44	482	9	6
45	487	6	11	45	493	9	2

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	8	6	0	¼	2	8	11	0
½	5	5	0	0	½	5	5	10	0
¾	8	1	6	0	¾	8	2	9	0

Ft. long	Side 40 Inch.			Ft. long	Side 40 f¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	11	1	4	1	11	3	0
2	22	2	8	2	22	6	0
3	33	4	0	3	33	9	0
4	44	5	4	4	45	0	0
5	55	6	8	5	56	3	0
6	66	8	0	6	67	6	0
7	77	9	4	7	78	9	0
8	88	10	8	8	90	0	0
9	100	0	0	9	101	3	0
10	111	1	4	10	112	6	0
11	122	2	8	11	123	9	0
12	133	4	0	12	135	0	0
13	144	5	4	13	146	3	0
14	155	6	8	14	157	6	0
15	166	8	0	15	168	9	0
16	177	9	4	16	180	0	1
17	188	10	8	17	191	3	1
18	200	0	0	18	202	6	1
19	211	1	4	19	213	9	1
20	222	2	8	20	225	0	1
21	233	4	0	21	236	3	1
22	244	5	4	22	247	6	1
23	255	6	8	23	258	9	1
24	266	8	0	24	270	0	1
25	277	9	4	25	281	3	1
26	288	10	8	26	292	6	1
27	300	0	0	27	303	9	1
28	311	1	4	28	315	0	1
29	322	2	8	29	326	3	1
30	333	4	0	30	337	6	1
31	344	5	4	31	348	9	1
32	355	6	8	32	360	0	2
33	360	8	0	33	371	3	2
34	377	9	4	34	382	6	2
35	388	10	8	35	393	9	2
36	400	0	0	36	405	0	2
37	411	1	4	37	416	3	2
38	422	2	8	38	427	6	2
39	433	4	0	39	438	9	2
40	444	5	4	40	450	0	2
41	455	6	8	41	461	3	2
42	466	8	0	42	472	6	2
43	477	9	4	43	483	9	2
44	488	10	8	44	495	0	2
45	500	0	0	45	506	3	2

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	2	9	4	0	2	9	9	0
½	5	6	8	0	5	7	6	0
¾	8	4	0	0	8	5	3	0

Ft. long	Side 40 ½			Ft. long	Side 40 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	11	4	8	1	11	6	4
2	22	9	4	2	23	0	9
3	34	2	0	3	34	7	1
4	45	6	9	4	46	1	6
5	56	11	5	5	57	7	10
6	68	4	1	6	69	2	3
7	79	8	9	7	80	8	7
8	91	1	6	8	92	3	0
9	102	6	2	9	103	9	5
10	113	10	10	10	115	3	9
11	125	3	6	11	126	10	2
12	136	8	3	12	138	4	6
13	148	0	10	13	149	10	11
14	159	5	7	14	161	5	3
15	170	10	3	15	172	11	8
16	182	3	0	16	184	6	1
17	193	7	8	17	196	0	5
18	205	0	4	18	207	6	10
19	216	5	0	19	219	1	2
20	227	9	9	20	230	7	7
21	239	2	5	21	242	1	11
22	250	7	1	22	253	8	4
23	261	11	9	23	265	2	8
24	273	4	6	24	276	9	1
25	284	9	2	25	288	3	6
26	296	1	10	26	299	9	10
27	307	6	6	27	311	4	3
28	318	11	3	28	322	10	7
29	330	3	11	29	334	5	0
30	341	8	7	30	345	11	4
31	353	1	3	31	357	5	9
32	364	6	0	32	369	0	2
33	375	10	8	33	380	6	6
34	387	3	4	34	392	0	11
35	398	8	0	35	403	7	3
36	410	0	9	36	415	1	8
37	421	5	5	37	426	8	0
38	432	10	1	38	438	2	5
39	444	2	9	39	449	8	9
40	455	7	6	40	461	3	2
41	467	0	2	41	472	9	7
42	478	4	10	42	484	3	11
43	489	9	6	43	495	10	4
44	501	2	3	44	507	4	8
45	512	6	11	45	518	11	1

Quarters of a *Foot.*				*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	2	10	2	0				
½	5	8	4	0				
¾	8	6	6	0				

Quarters of a *Foot.*			
	Ft.	In.	Pa.	S.
¼	2	10	7	0
½	5	9	2	0
¾	8	7	9	0

Ft. long	Side 41 Inch.			Ft. long	Side 41 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	11	8	1	1	11	9	9
2	23	4	2	2	23	7	7
3	35	0	3	3	35	5	4
4	46	8	4	4	47	3	2
5	58	4	5	5	59	0	11
6	70	0	6	6	70	10	9
7	81	8	7	7	82	8	6
8	93	4	8	8	94	6	4
9	105	0	9	9	106	4	2
10	116	8	10	10	118	1	11
11	128	4	11	11	129	11	9
12	140	1	0	12	141	9	6
13	151	9	1	13	153	7	4
14	163	5	2	14	165	1	10
15	175	1	3	15	177	2	11
16	186	9	4	16	189	0	9
17	198	5	5	17	200	10	6
18	210	1	6	18	212	8	4
19	221	9	7	19	224	6	1
20	233	5	8	20	236	3	11
21	245	1	9	21	248	1	8
22	256	9	10	22	259	11	6
23	268	5	11	23	271	9	3
24	280	2	0	24	283	7	1
25	291	10	1	25	295	4	11
26	303	6	2	26	307	2	8
27	315	2	3	27	319	0	6
28	326	10	4	28	330	10	3
29	338	6	5	29	342	8	1
30	350	2	6	30	354	5	10
31	361	10	7	31	366	3	8
32	373	6	8	32	378	1	6
33	385	2	9	33	389	11	3
34	396	10	10	34	401	9	1
35	408	6	11	35	413	6	10
36	420	3	0	36	425	4	8
37	431	11	1	37	437	2	5
38	443	7	2	38	449	0	3
39	455	3	3	39	460	10	0
40	466	11	4	40	472	7	10
41	478	7	5	41	484	5	8
42	490	3	6	42	496	3	5
43	501	11	7	43	508	1	3
44	513	7	8	44	519	11	0
45	525	3	9	45	531	8	10

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	2	11	0 3	¼	2	11	5 3
½	5	10	0 6	½	5	10	10 6
¾	8	9	0 9	¾	8	10	3 9

Ft. long	Side 41 ½			Ft. long	Side 41 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	11	11	0	1	12	1	3
2	23	11	0	2	24	2	6
3	35	10	6	3	36	3	9
4	47	10	1	4	48	5	0
5	59	9	7	5	60	6	3
6	61	9	1	6	72	7	6
7	83	8	7	7	84	8	9
8	95	8	2	8	96	10	0
9	107	7	8	9	108	11	3
10	119	7	2	10	121	0	6
11	131	6	8	11	133	1	9
12	143	6	3	12	145	3	0
13	155	5	9	13	157	4	3
14	167	5	3	14	169	5	6
15	179	4	9	15	181	6	9
16	191	4	4	16	193	8	1
17	203	3	10	17	205	9	4
18	215	3	4	18	217	10	7
19	227	2	10	19	229	11	10
20	239	2	5	20	242	1	1
21	251	1	11	21	254	2	4
22	263	1	5	22	266	3	7
23	275	0	11	23	278	4	10
24	287	0	6	24	290	6	1
25	299	0	0	25	302	7	4
26	310	11	6	26	314	8	7
27	322	11	0	27	326	9	10
28	334	10	7	28	338	11	1
29	346	10	1	29	351	0	4
30	358	9	7	30	363	1	7
31	370	9	1	31	375	2	10
32	382	8	8	32	387	4	2
33	394	8	2	33	399	5	5
34	406	7	8	34	411	6	8
35	418	7	2	35	423	7	11
36	430	6	9	36	435	9	2
37	442	6	3	37	447	10	5
38	454	5	9	38	459	11	8
39	466	5	3	39	472	0	11
40	478	4	10	40	484	2	2
41	490	4	4	41	496	3	5
42	502	3	10	42	508	4	8
43	514	3	4	43	520	5	11
44	526	2	11	44	532	7	2
45	538	2	5	45	544	8	5

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	2	11	9	0	¼	3	0	3	9
½	5	11	6	0	½	6	0	7	6
¾	8	11	3	0	¾	9	0	11	3

Ft. long	Side 42 Inch. Ft.	In.	Pa.	Ft. long	Side 42 ¼ Ft.	In.	Pa.
1	12	3	0	1	12	4	8
2	24	6	0	2	24	9	4
3	36	9	0	3	37	2	0
4	49	0	0	4	49	6	8
5	61	3	0	5	61	11	4
6	73	6	0	6	74	4	0
7	85	9	0	7	86	8	8
8	98	0	0	8	99	1	4
9	110	3	0	9	111	6	0
10	122	6	0	10	123	10	8
11	134	9	0	11	136	3	4
12	147	0	0	12	148	8	0
13	159	3	0	13	161	0	8
14	171	6	0	14	173	5	4
15	183	9	0	15	185	10	0
16	196	0	0	16	198	2	9
17	208	3	0	17	210	7	5
18	220	6	0	18	223	0	1
19	232	9	0	19	235	4	9
20	245	0	0	20	247	9	5
21	257	3	0	21	260	2	1
22	269	6	0	22	272	6	9
23	281	9	0	23	284	11	5
24	294	0	0	24	297	4	1
25	306	3	0	25	309	8	9
26	318	6	0	26	322	1	5
27	330	9	0	27	334	6	1
28	343	0	0	28	346	10	9
29	355	3	0	29	359	3	5
30	367	6	0	30	371	8	1
31	379	9	0	31	384	0	9
32	392	0	0	32	396	5	6
33	404	3	0	33	408	10	2
34	416	6	0	34	421	2	10
35	428	9	0	35	433	7	6
36	441	0	0	36	446	0	2
37	453	3	0	37	458	4	10
38	465	6	0	38	470	9	6
39	477	9	0	39	483	2	2
40	490	0	0	40	495	6	10
41	502	3	0	41	509	11	6
42	514	6	0	42	520	4	2
43	526	9	0	43	532	8	10
44	539	0	0	44	545	1	6
45	551	3	0	45	557	6	2

Quarters of a Foot.

	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	0	9	0	¼	3	1	2	0
½	6	1	6	0	½	6	2	4	0
¾	9	2	3	0	¾	9	3	6	0

Ft. long	Side 42½			Ft. long	Side 42¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	12	6	6	1	12	8	3
2	25	1	0	2	25	4	7
3	37	7	6	3	38	0	10
4	50	2	1	4	50	9	2
5	62	8	7	5	63	5	5
6	75	3	1	6	76	1	9
7	87	9	7	7	88	10	0
8	100	4	2	8	101	6	4
9	112	10	8	9	114	2	8
10	125	5	2	10	126	10	11
11	137	11	8	11	139	7	3
12	150	6	3	12	152	3	6
13	163	0	9	13	164	11	10
14	175	7	3	14	177	8	1
15	188	1	9	15	190	4	5
16	200	8	4	16	203	0	9
17	213	2	10	17	215	9	0
18	225	9	4	18	228	5	4
19	238	3	10	19	241	1	7
20	250	10	5	20	253	9	11
21	263	4	11	21	266	6	2
22	275	11	5	22	279	2	6
23	288	5	11	23	291	10	9
24	301	0	6	24	304	7	1
25	313	7	0	25	317	3	5
26	326	1	6	26	329	11	8
27	338	8	0	27	342	8	0
28	351	2	7	28	355	4	3
29	363	9	1	29	368	0	7
30	376	3	7	30	380	8	10
31	388	10	1	31	393	5	2
32	401	4	8	32	406	1	6
33	413	11	2	33	418	9	9
34	426	5	8	34	431	6	1
35	439	0	2	35	444	2	4
36	451	6	9	36	456	10	8
37	464	1	3	37	469	6	11
38	476	7	9	38	482	3	3
39	489	2	3	39	494	11	6
40	501	8	10	40	507	7	10
41	514	3	4	41	520	4	2
42	526	9	10	42	533	0	5
43	539	4	4	43	545	8	9
44	551	10	11	44	558	5	0
45	564	5	5	45	571	1	4

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	3	1	7	6	3	2	0	9
½	6	3	3	0	6	4	1	6
¾	9	4	10	6	9	6	2	3

Q

Ft. long	Side 43 Inch. Ft.	In.	Pa.	Ft. long	Side 43 ¼ Ft.	In.	Pa.
1	12	10	1	1	12	11	10
2	25	8	2	2	25	11	9
3	38	6	3	3	38	11	7
4	51	4	4	4	51	11	6
5	64	2	5	5	64	11	4
6	77	0	6	6	77	11	3
7	89	10	7	7	90	11	1
8	102	8	8	8	103	11	0
9	115	6	9	9	116	10	11
10	128	4	10	10	129	10	9
11	141	2	11	11	142	10	8
12	154	1	0	12	155	10	6
13	166	11	1	13	168	10	5
14	179	9	2	14	181	10	3
15	192	7	3	15	194	10	2
16	205	5	4	16	207	10	1
17	218	3	5	17	220	9	11
18	231	1	6	18	233	9	10
19	243	11	7	19	246	9	8
20	256	9	8	20	259	9	7
21	269	7	9	21	272	9	5
22	282	5	10	22	285	9	4
23	295	3	11	23	298	9	2
24	308	2	0	24	311	9	1
25	321	0	1	25	324	9	0
26	333	10	2	26	337	8	10
27	346	8	3	27	350	8	9
28	359	6	4	28	363	8	7
29	372	4	5	29	376	8	6
30	385	2	6	30	389	8	4
31	398	0	7	31	402	8	3
32	410	10	8	32	415	8	2
33	423	8	9	33	428	8	0
34	436	6	10	34	441	7	11
35	449	4	11	35	454	7	9
36	462	3	0	36	467	7	8
37	475	1	1	37	480	7	6
38	487	11	2	38	493	7	5
39	500	9	3	39	506	7	3
40	513	7	4	40	519	7	2
41	526	5	5	41	532	7	1
42	539	3	6	42	545	6	11
43	552	1	7	43	558	6	10
44	564	11	8	44	571	6	8
45	577	9	9	45	584	6	7

Quarters of a Foot.	Ft.	In.	Pa.	S	Quarters of a Foot.	Ft.	In.	Pa.	S
¼	3	2	6	3	¼	3	2	11	6
½	6	5	0	6	½	6	5	11	0
¾	9	7	6	9	¾	9	8	10	6

Ft. long	Side 43½			Ft. long	Side 43¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	13	1	8	1	13	3	6
2	26	3	4	2	26	7	0
3	39	5	0	3	39	10	6
4	52	6	9	4	53	2	0
5	65	8	5	5	66	5	6
6	78	10	1	6	79	9	0
7	91	11	9	7	93	0	6
8	105	1	6	8	106	4	0
9	118	3	2	9	119	7	6
10	131	4	10	10	132	11	0
11	144	6	6	11	146	2	6
12	157	8	3	12	159	6	0
13	170	9	11	13	172	9	6
14	183	11	7	14	186	1	0
15	197	1	3	15	199	4	6
16	210	3	0	16	212	8	1
17	223	4	8	17	225	11	7
18	236	6	4	18	239	3	1
19	249	8	0	19	252	6	7
20	262	9	9	20	265	10	1
21	275	11	5	21	279	1	7
22	289	1	1	22	292	5	1
23	302	2	9	23	305	8	7
24	315	4	6	24	319	0	1
25	328	6	2	25	332	3	7
26	341	7	10	26	345	7	1
27	354	9	6	27	358	10	7
28	367	11	3	28	372	2	1
29	381	0	11	29	385	5	7
30	394	2	7	30	398	9	1
31	407	4	3	31	412	0	7
32	420	6	0	32	425	4	2
33	433	7	8	33	438	7	8
34	446	9	4	34	451	11	2
35	459	11	0	35	465	2	8
36	473	0	9	36	478	6	2
37	486	2	5	37	491	9	8
38	499	4	1	38	505	1	2
39	512	5	9	39	518	4	8
40	525	7	6	40	531	8	2
41	538	9	2	41	544	11	8
42	551	10	10	42	558	3	2
43	565	0	6	43	571	6	8
44	578	2	3	44	584	10	2
45	591	3	11	45	598	1	8

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	3	5	0	¼	3	3	10	6
½	6	6	10	0	½	6	7	9	0
¾	9	10	3	0	¾	9	11	7	6

Ft. long	Side 44 Inch.			Ft. long	Side 44 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	13	5	4	1	13	7	2
2	26	10	8	2	27	2	4
3	40	4	0	3	40	9	6
4	53	9	4	4	54	4	8
5	67	2	8	5	67	11	10
6	80	8	0	6	81	7	0
7	94	1	4	7	95	2	2
8	107	6	8	8	108	9	4
9	121	0	0	9	122	4	6
10	134	5	4	10	135	11	8
11	147	10	8	11	149	6	10
12	161	4	0	12	163	2	0
13	174	9	4	13	176	9	2
14	188	2	8	14	190	4	4
15	201	8	0	15	203	11	6
16	215	1	4	16	217	6	9
17	228	6	8	17	231	1	11
18	242	0	0	18	244	9	1
19	255	5	4	19	258	4	3
20	268	10	8	20	271	11	5
21	282	4	0	21	285	6	7
22	295	9	4	22	299	1	9
23	309	2	8	23	312	8	11
24	322	8	0	24	326	4	1
25	336	1	4	25	339	11	3
26	349	6	8	26	353	6	5
27	363	0	0	27	367	1	7
28	376	5	4	28	380	8	9
29	389	10	8	29	394	3	11
30	403	4	0	30	407	11	1
31	416	9	4	31	421	6	3
32	430	2	8	32	435	1	6
33	443	8	0	33	448	8	8
34	457	1	4	34	462	3	10
35	470	6	8	35	475	11	0
36	484	0	0	36	489	6	2
37	497	5	4	37	503	1	4
38	510	10	8	38	516	8	6
39	524	4	0	39	530	3	8
40	537	9	4	40	543	10	10
41	551	2	8	41	557	6	0
42	564	8	0	42	571	1	2
43	578	1	4	43	584	8	4
44	591	6	8	44	598	3	6
45	605	0	0	45	611	10	8

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	3	4	4	0	3	4	9	6
½	6	8	8	0	6	9	7	0
¾	10	1	0	0	10	2	4	6

Ft. long	Side 44 ½			Ft. long	Side 44 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	13	9	0	1	13	10	10
2	27	6	0	2	27	9	9
3	41	3	0	3	41	8	7
4	55	0	1	4	55	7	6
5	68	9	1	5	69	6	4
6	82	6	1	6	83	5	3
7	96	3	1	7	97	4	1
8	110	0	2	8	111	3	0
9	123	9	2	9	125	1	11
10	137	6	2	10	139	0	9
11	151	3	2	11	152	11	8
12	165	0	3	12	166	10	6
13	178	9	3	13	180	9	5
14	192	6	3	14	194	8	3
15	206	3	3	15	208	7	2
16	220	0	4	16	222	6	1
17	233	9	4	17	236	4	11
18	247	6	4	18	250	3	10
19	261	3	4	19	264	2	8
20	275	0	5	20	278	1	7
21	288	9	5	21	292	0	5
22	302	6	5	22	305	11	4
23	316	3	5	23	319	10	2
24	330	0	6	24	333	9	1
25	343	9	6	25	347	8	0
26	357	6	6	26	361	6	10
27	371	3	6	27	375	5	9
28	385	0	7	28	389	4	7
29	398	9	7	29	403	3	6
30	412	6	7	30	417	2	4
31	426	3	7	31	431	1	3
32	440	0	8	32	445	0	2
33	453	9	8	33	458	11	0
34	467	6	8	34	472	9	11
35	481	3	8	35	486	8	9
36	495	0	9	36	500	7	8
37	508	9	9	37	514	6	6
38	522	6	9	38	528	5	5
39	536	3	9	39	542	4	3
40	550	0	10	40	556	3	2
41	563	9	10	41	570	2	1
42	577	6	10	42	584	0	11
43	591	3	10	43	597	11	10
44	605	0	11	44	611	10	8
45	618	9	11	45	625	9	7

Quarters of a Foot.				*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	5	3	0	¼	3	5	8	6
½	6	10	6	0	½	6	11	5	0
¾	10	3	9	0	¾	10	5	1	6

Ft. long	Side 45 Inch. Ft.	In.	Pa.	Ft. long	Side 45 ¼ Ft.	In.	Pa.
1	14	0	9	1	14	2	7
2	28	1	6	2	28	5	3
3	42	2	3	3	42	7	10
4	56	3	0	4	56	10	6
5	70	3	9	5	71	1	1
6	84	4	6	6	85	3	9
7	98	5	3	7	99	6	4
8	112	6	0	8	113	9	0
9	126	6	9	9	127	11	8
10	140	7	6	10	142	2	3
11	154	8	3	11	156	4	11
12	168	9	0	12	170	7	6
13	182	9	9	13	184	10	2
14	196	10	6	14	199	0	9
15	210	11	3	15	213	3	5
16	225	0	0	16	227	6	1
17	239	0	9	17	241	8	8
18	253	1	6	18	255	11	4
19	267	2	3	19	270	1	11
20	281	3	0	20	284	4	7
21	295	3	9	21	298	7	2
22	309	4	6	22	312	9	10
23	323	5	3	23	327	0	5
24	337	6	0	24	341	3	1
25	351	6	9	25	355	5	9
26	365	7	6	26	369	8	4
27	379	8	3	27	383	11	0
28	393	9	0	28	398	1	7
29	407	9	9	29	412	4	3
30	421	10	6	30	426	6	10
31	435	11	3	31	440	9	6
32	450	0	0	32	455	0	2
33	464	0	9	33	469	2	9
34	478	1	6	34	483	5	5
35	492	2	3	35	497	8	0
36	506	3	0	36	511	10	8
37	520	3	9	37	526	1	3
38	534	4	6	38	540	3	11
39	548	5	3	39	554	6	6
40	562	6	0	40	568	9	2
41	576	6	9	41	582	11	10
42	590	7	6	42	597	2	5
43	604	8	3	43	611	5	1
44	618	9	0	44	625	7	8
45	632	9	9	45	639	10	4

Quarters of a Foot.	Ft.	In.	Pa.	S.	*Quarters* of a Foot.	Ft.	In.	Pa.	S.
¼	3	6	2	3	¼	3	6	7	9
½	7	0	4	6	½	7	1	3	6
¾	10	6	6	9	¾	10	7	11	3

Ft. long	Side 45 ½			Ft. long	Side 45 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	14	4	6	1	14	6	5
2	28	9	0	2	29	0	10
3	43	1	6	3	43	7	3
4	57	6	1	4	58	1	8
5	71	10	7	5	72	8	1
6	86	3	1	6	87	2	6
7	100	7	7	7	101	8	11
8	115	0	2	8	116	3	4
9	129	4	8	9	130	9	9
10	143	9	2	10	145	4	2
11	158	1	8	11	159	10	7
12	172	6	3	12	174	5	0
13	186	10	9	13	188	11	5
14	201	3	3	14	203	5	10
15	215	7	9	15	218	0	3
16	230	0	4	16	232	6	9
17	244	4	10	17	247	1	2
18	258	9	4	18	261	7	7
19	273	1	10	19	276	2	0
20	287	6	5	20	290	8	5
21	301	10	11	21	305	2	10
22	316	3	5	22	319	9	3
23	330	7	11	23	334	3	8
24	345	0	6	24	348	10	1
25	359	5	0	25	363	4	6
26	373	9	6	26	377	10	11
27	388	2	0	27	392	5	4
28	402	6	7	28	406	11	9
29	416	11	1	29	421	6	2
30	431	3	7	30	436	0	7
31	445	8	1	31	450	7	0
32	460	0	8	32	465	1	6
33	474	5	2	33	479	7	11
34	488	9	8	34	494	2	4
35	503	2	2	35	508	8	9
36	517	6	9	36	523	3	2
37	531	11	3	37	537	9	7
38	546	3	9	38	552	4	0
39	560	8	3	39	566	10	5
40	575	0	10	40	581	4	10
41	589	5	4	41	595	11	3
42	603	9	10	42	610	5	8
43	618	2	4	43	625	0	1
44	632	6	11	44	639	6	6
45	646	11	5	45	654	0	11

Quarters of a Foot.				*Quarters of a Foot.*			
	Ft.	In.	Pa. S.		Ft.	In.	Pa. S.
¼	3	7	1 6	¼	3	7	7 3
½	7	2	3 0	½	7	3	2 6
¾	10	9	4 6	¾	10	10	9 9

Ft. long	Side 46 Inch. Ft.	In.	Pa.	Ft. long	Side 46 ¼ Ft.	In.	Pa.
1	14	8	4	1	14	10	3
2	29	4	8	2	29	8	6
3	44	1	0	3	44	6	9
4	58	9	4	4	59	5	0
5	73	5	8	5	74	3	3
6	88	2	0	6	89	1	6
7	102	10	4	7	103	11	9
8	117	6	8	8	118	10	0
9	132	3	0	9	133	8	3
10	146	11	4	10	148	6	6
11	161	7	8	11	163	4	9
12	176	4	0	12	178	3	0
13	191	0	4	13	193	1	3
14	205	8	8	14	207	11	6
15	220	5	0	15	222	9	9
16	235	1	4	16	237	8	1
17	249	9	8	17	252	6	4
18	264	6	0	18	267	4	7
19	279	2	4	19	282	2	10
20	293	10	8	20	297	1	1
21	308	7	0	21	311	11	4
22	323	3	4	22	326	9	7
23	337	11	8	23	341	7	10
24	352	8	0	24	356	6	1
25	367	4	4	25	371	4	4
26	382	0	8	26	386	2	7
27	396	9	0	27	401	0	10
28	411	5	4	28	415	11	1
29	426	1	8	29	430	9	4
30	440	10	0	30	445	7	7
31	455	6	4	31	460	5	10
32	470	2	8	32	475	4	2
33	484	11	0	33	490	2	5
34	499	7	4	34	505	0	8
35	514	3	8	35	519	10	11
36	529	0	0	36	534	9	2
37	543	8	4	37	549	7	5
38	558	4	8	38	564	5	8
39	573	1	0	39	579	3	11
40	587	9	4	40	594	2	2
41	602	5	8	41	609	0	5
42	617	2	0	42	623	10	8
43	631	10	4	43	638	8	11
44	646	6	8	44	653	7	2
45	661	3	0	45	668	5	5

	Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	8	1	0	¼	3	8	6	9
½	7	4	2	0	½	7	5	1	6
¾	11	0	3	0	¾	11	1	8	3

Ft. long	Side 46 ½			Ft. long	Side 46 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	15	0	2	1	15	2	1
2	30	0	4	2	30	4	3
3	45	0	6	3	45	6	4
4	60	0	9	4	60	8	6
5	75	0	11	5	75	10	7
6	90	1	1	6	91	0	9
7	105	1	3	7	106	2	10
8	120	1	6	8	121	5	0
9	135	1	8	9	136	7	2
10	150	1	10	10	151	9	3
11	165	2	0	11	166	11	5
12	180	2	3	12	182	1	6
13	195	2	5	13	197	3	8
14	210	2	7	14	212	5	9
15	225	2	9	15	227	7	11
16	240	3	0	16	242	10	1
17	255	3	2	17	258	0	2
18	270	3	4	18	273	2	4
19	285	3	6	19	288	4	5
20	300	3	9	20	303	6	7
21	315	3	11	21	318	8	8
22	330	4	1	22	333	10	10
23	345	4	3	23	349	0	11
24	360	4	6	24	364	3	1
25	375	4	8	25	379	5	3
26	390	4	10	26	394	7	4
27	405	5	0	27	409	9	6
28	420	5	3	28	424	11	7
29	435	5	5	29	440	1	9
30	450	5	7	30	455	3	10
31	465	5	9	31	470	6	0
32	480	6	0	32	485	8	2
33	495	6	2	33	500	10	3
34	510	6	4	34	516	0	5
35	525	6	6	35	531	2	6
36	540	6	9	36	546	4	8
37	555	6	11	37	561	6	9
38	570	7	1	38	576	8	11
39	585	7	3	39	591	11	0
40	600	7	6	40	607	1	2
41	615	7	8	41	622	3	4
42	630	7	10	42	637	5	5
43	645	8	0	43	652	7	7
44	660	8	3	44	667	9	8
45	675	8	5	45	682	11	10

Quarters of a *Foot.*				*Quarters* of a *Foot.*			
	Ft.	In.	P. S.		Ft.	In.	Pa. S.
¼	3	9	0 6	¼	3	9	6 3
½	7	6	1 0	½	7	7	0 6
¾	11	3	1 6	¾	11	4	6 9

P

Ft. long	Side 47 Inch.			Ft. long	Side 47 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	15	4	1	1	15	6	0
2	30	8	2	2	31	0	1
3	46	0	3	3	46	6	1
4	61	4	4	4	62	0	2
5	76	8	5	5	77	6	2
6	92	0	6	6	93	0	3
7	107	4	7	7	108	6	3
8	122	8	8	8	124	0	4
9	138	0	9	9	139	6	5
10	153	4	10	10	155	0	5
11	168	8	11	11	170	6	6
12	184	1	0	12	186	0	6
13	199	5	1	13	201	6	7
14	214	9	2	14	217	0	7
15	230	1	3	15	232	6	8
16	245	5	4	16	248	0	9
17	260	9	5	17	263	6	9
18	276	1	6	18	279	0	10
19	291	5	7	19	294	6	10
20	306	9	8	20	310	0	11
21	322	1	9	21	325	6	11
22	337	5	10	22	341	1	0
23	352	9	11	23	356	7	0
24	368	2	0	24	372	1	1
25	383	6	1	25	387	7	2
26	398	10	2	26	403	1	2
27	414	2	3	27	418	7	3
28	429	6	4	28	434	1	3
29	444	10	5	29	449	7	4
30	460	2	6	30	465	1	4
31	475	6	7	31	480	7	5
32	490	10	8	32	496	1	6
33	506	2	9	33	511	7	6
34	521	6	10	34	527	1	7
35	536	10	11	35	542	7	7
36	552	3	0	36	558	1	8
37	567	7	1	37	573	7	8
38	582	11	2	38	589	1	9
39	598	3	3	39	604	7	9
40	613	7	4	40	620	1	10
41	628	11	5	41	635	7	11
42	644	3	6	42	651	1	11
43	659	7	7	43	666	8	0
44	674	11	8	44	682	2	0
45	690	3	9	45	697	8	1

Quarters of a *Foot.*				*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	3	10	0	3	3	10	6	0
½	7	8	0	6	7	9	0	0
¾	11	6	0	9	11	7	6	0

Ft. long	Side 47 ½			Ft. long	Side 47 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	15	8	0	1	15	10	0
2	31	4	0	2	31	8	0
3	47	0	0	3	47	6	0
4	62	8	1	4	63	4	0
5	78	4	1	5	79	2	0
6	94	0	1	6	95	0	0
7	109	8	1	7	110	10	0
8	125	4	2	8	126	8	0
9	141	0	2	9	142	6	0
10	156	8	2	10	158	4	0
11	172	4	2	11	174	2	0
12	188	0	3	12	190	0	0
13	203	8	3	13	205	10	0
14	219	4	3	14	221	8	0
15	235	0	3	15	237	6	0
16	250	8	4	16	253	4	1
17	266	4	4	17	269	2	1
18	282	0	4	18	285	0	1
19	297	8	4	19	300	10	1
20	313	4	5	20	316	8	1
21	329	0	5	21	332	6	1
22	344	8	5	22	348	4	1
23	360	4	5	23	364	2	1
24	376	0	6	24	380	0	1
25	391	8	6	25	395	10	1
26	407	4	6	26	411	8	1
27	423	0	6	27	427	6	1
28	438	8	7	28	443	4	1
29	454	4	7	29	459	2	1
30	470	0	7	30	475	0	1
31	485	8	7	31	490	10	1
32	501	4	8	32	506	8	2
33	517	0	8	33	522	6	2
34	532	8	8	34	538	4	2
35	548	4	8	35	554	2	2
36	564	0	9	36	570	0	2
37	579	8	9	37	585	10	2
38	595	4	9	38	601	8	2
39	611	0	9	39	617	6	2
40	626	8	10	40	633	4	2
41	642	4	10	41	649	2	2
42	658	0	10	42	665	0	2
43	673	8	10	43	680	10	2
44	689	4	11	44	696	8	2
45	705	0	11	45	712	6	2

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	3	11	0	0	¼	3	11	6	0
½	7	10	0	0	½	7	11	0	0
¾	11	9	0	0	¾	11	10	6	0

Ft. long	Side 48 Inch.			Ft. long	Side 48 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	16	0	0	1	16	2	0
2	32	0	0	2	32	4	0
3	48	0	0	3	48	6	0
4	64	0	0	4	64	8	0
5	80	0	0	5	80	10	0
6	96	0	0	6	97	0	0
7	112	0	0	7	113	2	0
8	128	0	0	8	129	4	0
9	144	0	0	9	145	6	0
10	160	0	0	10	161	8	0
11	176	0	0	11	177	10	0
12	192	0	0	12	194	0	0
13	208	0	0	13	210	2	0
14	224	0	0	14	226	4	0
15	240	0	0	15	242	6	0
16	256	0	0	16	258	8	1
17	272	0	0	17	274	10	1
18	288	0	0	18	291	0	1
19	304	0	0	19	307	2	1
20	320	0	0	20	323	4	1
21	336	0	0	21	339	6	1
22	352	0	0	22	355	8	1
23	368	0	0	23	371	10	1
24	384	0	0	24	388	0	1
25	400	0	0	25	404	2	1
26	416	0	0	26	420	4	1
27	432	0	0	27	436	6	1
28	448	0	0	28	452	8	1
29	464	0	0	29	468	10	1
30	480	0	0	30	485	0	1
31	496	0	0	31	501	2	1
32	512	0	0	32	517	4	2
33	528	0	0	33	533	6	2
34	544	0	0	34	549	8	2
35	560	0	0	35	565	10	2
36	576	0	0	36	582	0	2
37	592	0	0	37	598	2	2
38	608	0	0	38	614	4	2
39	624	0	0	39	630	6	2
40	640	0	0	40	646	8	2
41	656	0	0	41	662	10	2
42	672	0	0	42	679	0	2
43	688	0	0	43	695	2	2
44	704	0	0	44	711	4	2
45	720	0	0	45	727	6	2

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	0	0	0	¼	4	0	6	0
½	8	0	0	0	½	8	1	0	0
¾	12	0	0	0	¾	12	1	6	0

Ft.long	Side 48 ½			Ft.long	Side 48 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	16	4	0	1	16	6	0
2	32	8	0	2	33	0	1
3	49	0	0	3	49	6	1
4	65	4	1	4	66	0	2
5	81	8	1	5	82	6	2
6	98	0	1	6	99	0	3
7	114	4	1	7	115	6	3
8	130	8	2	8	132	0	4
9	147	0	2	9	148	6	5
10	163	4	2	10	165	0	5
11	179	8	2	11	181	6	6
12	196	0	3	12	198	0	6
13	212	4	3	13	214	6	7
14	228	8	3	14	231	0	7
15	245	0	3	15	247	6	8
16	261	4	4	16	264	0	9
17	277	8	4	17	280	6	9
18	294	0	4	18	297	0	10
19	310	4	4	19	313	6	10
20	326	8	5	20	330	0	11
21	343	0	5	21	346	6	11
22	359	4	5	22	363	1	0
23	375	8	5	23	379	7	0
24	392	0	6	24	396	1	1
25	408	4	6	25	412	7	1
26	424	8	6	26	429	1	2
27	441	0	6	27	445	7	2
28	457	4	7	28	462	1	3
29	473	8	7	29	478	7	4
30	490	0	7	30	495	1	4
31	506	4	7	31	511	7	5
32	522	8	8	32	528	1	5
33	539	0	8	33	544	7	6
34	555	4	8	34	561	1	6
35	571	8	8	35	577	7	7
36	588	0	9	36	594	1	8
37	604	4	9	37	610	7	8
38	620	8	9	38	627	1	9
39	637	0	9	39	643	7	9
40	653	4	10	40	660	1	10
41	669	8	10	41	676	7	10
42	686	0	10	42	693	1	11
43	702	4	10	43	709	7	11
44	718	8	11	44	726	2	0
45	735	0	11	45	742	8	1

Quarters of a *Foot.*				*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	4	1	0	0	4	1	6	0
½	8	2	0	0	8	3	0	0
¾	12	3	0	0	12	4	6	0

Ft. long	Side 49 Inch.			Ft. long	Side 49 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	16	8	1	1	16	10	1
2	33	4	2	2	33	8	3
3	50	0	3	3	50	6	4
4	66	8	4	4	67	4	6
5	83	4	5	5	84	2	7
6	100	0	6	6	101	0	9
7	116	8	7	7	117	10	10
8	133	4	8	8	134	9	0
9	150	0	9	9	151	7	2
10	166	8	10	10	168	5	3
11	183	4	11	11	185	3	5
12	200	1	0	12	202	1	6
13	216	9	1	13	218	11	8
14	233	5	2	14	235	9	9
15	250	1	3	15	252	7	11
16	266	9	4	16	269	6	1
17	283	5	5	17	286	4	2
18	300	1	6	18	303	2	4
19	316	9	7	19	320	0	5
20	333	5	8	20	336	10	7
21	350	1	9	21	353	8	8
22	366	9	10	22	370	6	10
23	383	5	11	23	387	4	11
24	400	2	0	24	404	3	1
25	416	10	1	25	421	1	3
26	433	6	2	26	437	11	4
27	450	2	3	27	454	9	6
28	466	10	4	28	471	7	7
29	483	6	5	29	488	5	9
30	500	2	6	30	505	3	10
31	516	10	7	31	522	2	0
32	533	6	8	32	539	0	2
33	550	2	9	33	555	10	3
34	566	10	10	34	572	8	5
35	583	6	11	35	589	6	6
36	600	3	0	36	606	4	8
37	616	11	1	37	623	2	9
38	633	7	2	38	640	0	11
39	650	3	3	39	656	11	1
40	666	11	4	40	673	9	2
41	683	7	5	41	690	7	4
42	700	3	6	42	707	5	5
43	716	11	7	43	724	3	7
44	733	7	8	44	741	1	8
45	750	3	9	45	757	11	10

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	2	0	3	¼	4	2	6	3
½	8	4	0	6	½	8	5	0	6
¾	12	6	0	9	¾	12	7	6	9

Ft. long	Side 49½			Ft. long	Side 49¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	17	0	2	1	17	2	3
2	34	0	4	2	34	4	6
3	51	0	6	3	51	6	9
4	68	0	9	4	68	9	0
5	85	0	11	5	85	11	3
6	102	1	1	6	103	1	6
7	119	1	3	7	120	3	9
8	136	1	6	8	137	6	0
9	153	1	8	9	154	8	3
10	170	1	10	10	171	10	6
11	187	2	0	11	189	0	9
12	204	2	3	12	206	3	0
13	221	2	5	13	223	5	3
14	238	2	7	14	240	7	6
15	255	2	9	15	257	9	9
16	272	3	0	16	275	0	1
17	289	3	2	17	292	2	4
18	306	3	4	18	309	4	7
19	323	3	6	19	326	6	10
20	340	3	9	20	343	9	1
21	357	3	11	21	360	11	4
22	374	4	1	22	378	1	7
23	391	4	3	23	395	3	10
24	408	4	6	24	412	6	1
25	425	4	8	25	429	8	4
26	442	4	10	26	446	10	7
27	459	5	0	27	464	0	10
28	476	5	3	28	481	3	1
29	493	5	5	29	498	5	4
30	510	5	7	30	515	7	7
31	527	5	9	31	532	9	10
32	544	6	0	32	550	0	2
33	561	6	2	33	567	2	5
34	578	6	4	34	584	4	8
35	595	6	6	35	601	6	11
36	612	6	9	36	618	9	2
37	629	6	11	37	635	11	5
38	646	7	1	38	653	1	8
39	663	7	3	39	670	3	11
40	680	7	6	40	687	6	2
41	697	7	8	41	704	8	5
42	714	7	10	42	721	10	8
43	731	8	0	43	739	0	11
44	748	8	3	44	756	3	2
45	765	8	5	45	773	5	5

Quarters of a Foot.					*Quarters* of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	3	0	6	¼	4	3	6	9
½	8	6	1	0	½	8	7	1	6
¾	12	9	1	6	¾	12	10	8	3

Ft. long	Side 50 Inch.			Ft. long	Side 50 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	17	4	4	1	17	6	5
2	34	8	8	2	35	0	10
3	52	1	0	3	52	7	3
4	69	5	4	4	70	1	8
5	86	9	8	5	87	8	1
6	104	2	0	6	105	2	6
7	121	6	4	7	122	8	11
8	138	10	8	8	140	3	4
9	156	3	0	9	157	9	9
10	173	7	4	10	175	4	2
11	190	11	8	11	192	10	7
12	208	4	0	12	210	5	0
13	225	8	4	13	227	11	5
14	243	0	8	14	245	5	10
15	260	5	0	15	263	0	3
16	277	9	4	16	280	6	9
17	295	1	8	17	298	1	2
18	312	6	0	18	315	7	7
19	329	10	4	19	333	2	0
20	347	2	8	20	350	8	5
21	364	7	0	21	368	2	10
22	381	11	4	22	385	9	3
23	399	3	8	23	403	3	8
24	416	8	0	24	420	10	1
25	434	0	4	25	438	4	6
26	451	4	8	26	455	10	11
27	468	9	0	27	473	5	4
28	486	1	4	28	490	11	9
29	503	5	8	29	508	6	2
30	520	10	0	30	526	0	7
31	538	2	4	31	543	7	0
32	555	6	8	32	561	1	6
33	572	11	0	33	578	7	11
34	590	3	4	34	596	2	4
35	607	7	8	35	613	8	9
36	625	0	0	36	631	3	2
37	642	4	4	37	648	9	7
38	659	8	8	38	666	4	0
39	677	1	0	39	683	10	5
40	694	5	4	40	701	4	10
41	711	9	8	41	718	11	3
42	729	2	0	42	736	5	8
43	747	6	4	43	754	0	1
44	764	10	8	44	771	6	6
45	782	3	0	45	789	0	11

Quarters of a Foot.					Quarters of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	4	1	0	¼	4	4	7	3
½	8	8	2	0	½	8	9	2	6
¾	13	0	3	0	¾	13	1	9	9

Ft. long	Side 50 ½			Ft. long	Side 50 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	17	8	6	1	17	10	7
2	35	5	0	2	35	9	3
3	53	1	6	3	53	7	10
4	70	10	1	4	71	6	6
5	88	6	7	5	89	5	1
6	106	3	1	6	107	3	9
7	123	11	7	7	125	2	4
8	141	8	2	8	143	1	0
9	159	4	8	9	160	11	8
10	177	1	2	10	178	10	3
11	194	9	8	11	196	8	11
12	212	6	3	12	214	7	6
13	230	2	9	13	232	6	2
14	247	11	3	14	250	4	9
15	265	7	9	15	268	3	5
16	283	4	4	16	286	2	1
17	301	0	10	17	304	0	8
18	318	9	4	18	321	11	4
19	336	5	10	19	339	9	11
20	354	2	5	20	357	8	7
21	371	10	11	21	375	7	2
22	389	7	5	22	393	5	10
23	407	3	11	23	411	4	5
24	425	0	6	24	429	3	1
25	442	9	0	25	447	1	9
26	460	5	6	26	465	0	4
27	478	2	0	27	482	11	0
28	495	10	7	28	500	9	7
29	513	7	1	29	518	8	3
30	531	3	7	30	536	6	10
31	549	0	1	31	554	5	6
32	566	8	8	32	572	4	2
33	584	5	2	33	590	2	9
34	602	1	8	34	608	1	5
35	619	10	2	35	626	0	0
36	637	6	9	36	643	10	8
37	655	3	3	37	661	9	3
38	672	11	9	38	679	7	11
39	690	8	3	39	697	6	6
40	708	4	10	40	715	5	2
41	726	1	4	41	733	3	10
42	743	9	10	42	751	2	5
43	761	6	4	43	769	1	1
44	779	2	11	44	786	11	8
45	796	11	5	45	804	10	4

Quarters of a Foot				Quarters of a Foot.			
	Ft.	In.	Pa	S.	Ft.	In.	Pa. S.
¼	4	5	1	6	4	5	7 9
½	8	10	3	0	8	11	3 6
¾	13	3	4	6	13	4	11 3

Ft. long	Side 51 Inch.			Ft. long	Side 51 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	18	0	9	1	18	2	10
2	36	1	6	2	36	5	9
3	54	2	3	3	54	8	7
4	72	3	0	4	72	11	6
5	90	3	9	5	91	2	4
6	108	4	6	6	109	5	3
7	126	5	3	7	127	8	1
8	144	6	0	8	145	11	0
9	162	6	9	9	164	1	11
10	180	7	6	10	182	4	9
11	198	8	3	11	200	7	8
12	216	9	0	12	218	10	6
13	234	9	9	13	237	1	5
14	252	10	6	14	255	4	3
15	270	11	3	15	273	7	2
16	289	0	0	16	291	10	1
17	307	0	9	17	310	0	11
18	325	1	6	18	328	3	10
19	343	2	3	19	346	6	8
20	361	3	0	20	364	9	7
21	379	3	9	21	383	0	5
22	397	4	6	22	401	3	4
23	415	5	3	23	419	6	2
24	433	6	0	24	437	9	1
25	451	6	9	25	456	0	0
26	469	7	6	26	474	2	10
27	487	8	3	27	492	5	9
28	505	9	0	28	510	8	7
29	523	9	6	29	528	11	6
30	541	10	6	30	547	2	4
31	559	11	3	31	565	5	3
32	578	0	0	32	583	8	2
33	596	0	9	33	601	11	0
34	614	1	6	34	620	1	11
35	632	2	3	35	638	4	9
36	650	3	0	36	656	7	8
37	668	3	9	37	674	10	6
38	686	4	6	38	693	1	5
39	704	5	3	39	711	4	3
40	722	6	0	40	729	7	2
41	740	6	9	41	747	10	1
42	758	7	6	42	766	0	11
43	776	8	3	43	784	3	10
44	794	9	0	44	802	6	8
45	812	9	9	45	820	9	7

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.	Ft.	In.	Pa.	S.
¼	4	6	2	3	¼	4	6	8	6
½	9	0	4	6	½	9	1	5	0
¾	13	6	6	9	¾	13	8	1	6

Ft. long	Side 51 ½			Ft. long	Side 51 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	18	5	0	1	18	7	1
2	36	10	0	2	37	2	2
3	55	3	0	3	55	9	3
4	73	8	1	4	74	4	4
5	92	1	1	5	92	11	5
6	110	6	1	6	111	6	6
7	128	11	1	7	130	1	7
8	147	4	2	8	148	8	8
9	165	9	2	9	167	3	9
10	184	2	2	10	185	10	10
11	202	7	2	11	204	5	11
12	221	0	3	12	223	1	0
13	239	5	3	13	241	8	1
14	257	10	3	14	260	3	2
15	276	3	3	15	278	10	3
16	294	8	4	16	297	5	5
17	313	1	4	17	316	0	6
18	331	6	4	18	334	7	7
19	349	11	4	19	353	2	8
20	368	4	5	20	371	9	9
21	386	9	5	21	390	4	10
22	405	2	5	22	408	11	11
23	423	7	5	23	427	7	0
24	442	0	6	24	446	2	1
25	460	5	6	25	464	9	2
26	478	10	6	26	483	4	3
27	497	3	6	27	501	11	4
28	515	8	7	28	520	6	5
29	534	1	7	29	539	1	6
30	552	6	7	30	557	8	7
31	570	11	7	31	576	3	8
32	589	4	8	32	594	10	10
33	607	9	8	33	613	5	11
34	626	2	8	34	632	1	0
35	644	7	8	35	650	8	1
36	663	0	9	36	669	3	2
37	681	5	9	37	687	10	3
38	699	10	9	38	706	5	4
39	718	3	9	39	725	0	5
40	736	8	10	40	743	7	6
41	755	1	10	41	762	3	7
42	773	6	10	42	780	10	8
43	791	11	10	43	809	5	9
44	810	4	11	44	818	0	10
45	828	9	11	45	836	7	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	7	3	0	¼	4	7	9	3
½	9	2	6	0	½	9	3	6	6
¾	13	9	9	0	¾	13	11	3	9

Ft. long	Side 52 Inch.			Ft. long	Side 52 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	18	9	4	1	18	11	6
2	37	6	8	2	37	11	0
3	56	4	0	3	56	10	6
4	75	1	4	4	75	10	0
5	93	10	8	5	94	9	6
6	112	8	0	6	113	9	0
7	131	5	4	7	132	8	6
8	150	2	8	8	151	8	0
9	169	0	0	9	170	7	6
10	187	9	4	10	189	7	0
11	206	6	8	11	208	6	6
12	225	4	0	12	227	6	0
13	244	1	4	13	246	5	6
14	262	10	8	14	265	5	0
15	281	8	0	15	284	4	6
16	300	5	4	16	303	4	1
17	319	2	8	17	322	3	7
18	338	0	0	18	341	3	1
19	356	9	4	19	360	2	7
20	375	6	8	20	379	2	1
21	394	4	0	21	398	1	7
22	413	1	4	22	417	1	1
23	431	10	8	23	436	0	7
24	450	8	0	24	455	0	1
25	469	5	4	25	473	11	7
26	488	2	8	26	492	11	1
27	507	0	0	27	511	10	7
28	525	9	4	28	530	10	1
29	544	6	8	29	549	9	7
30	563	4	0	30	568	9	1
31	582	1	4	31	587	8	7
32	600	10	8	32	606	8	2
33	619	8	0	33	625	7	8
34	638	5	4	34	644	7	2
35	657	2	8	35	663	6	8
36	676	0	0	36	682	6	2
37	694	9	4	37	701	5	8
38	713	6	8	38	720	5	2
39	732	4	0	39	739	4	8
40	751	1	4	40	758	4	2
41	769	10	8	41	777	3	8
42	788	8	0	42	796	3	2
43	807	5	4	43	815	2	2
44	826	2	8	44	834	2	8
45	845	0	0	45	853	1	2

Quarters of a Foot.					Quarters of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	8	4	0	¼	4	8	10	6
½	9	4	8	0	½	9	5	9	0
¾	14	1	0	0	¾	14	2	7	6

Ft. long	Side 52 ½			Ft. long	Side 52 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa
1	19	1	8	1	19	3	10
2	38	3	4	2	38	7	9
3	57	5	0	3	57	11	7
4	76	6	9	4	77	3	6
5	95	8	5	5	96	7	4
6	114	10	1	6	115	11	3
7	133	11	9	7	135	3	1
8	153	1	6	8	154	7	0
9	172	3	2	9	173	10	11
10	191	4	10	10	193	2	9
11	210	6	6	11	212	6	8
12	229	8	3	12	231	10	6
13	248	9	11	13	251	2	5
14	267	11	7	14	270	6	3
15	287	1	3	15	289	10	2
16	306	3	0	16	309	2	1
17	325	4	8	17	328	5	11
18	344	6	4	18	347	9	10
19	363	8	0	19	367	1	8
20	382	9	9	20	386	5	7
21	401	11	5	21	405	9	5
22	421	1	1	22	425	1	4
23	440	2	9	23	444	5	2
24	459	4	6	24	463	9	1
25	478	6	2	25	483	1	0
26	497	7	10	26	502	4	10
27	516	9	6	27	521	8	9
28	535	11	3	28	541	0	7
29	555	0	11	29	560	4	6
30	574	2	7	30	579	8	4
31	593	4	3	31	599	0	3
32	612	6	0	32	618	4	2
33	631	7	8	33	637	0	6
34	650	9	4	34	656	11	11
35	669	11	0	35	676	2	9
36	689	0	9	36	695	6	8
37	708	2	5	37	714	10	6
38	727	4	1	38	734	3	5
39	746	5	9	39	753	7	3
40	765	7	6	40	772	11	2
41	784	9	2	41	792	3	1
42	803	10	10	42	811	6	11
43	823	0	6	43	830	10	10
44	842	2	3	44	850	2	8
45	861	3	11	45	869	6	7

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	9	5	0	¼	4	9	11	6
½	9	6	10	0	½	9	7	11	0
¾	14	4	3	0	¾	14	5	10	6

Ft. long	Side 53 Inch.			Ft. long	Side 53 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	19	6	1	1	19	8	3
2	39	0	2	2	39	4	7
3	58	6	3	3	59	0	10
4	78	0	4	4	78	9	2
5	97	6	5	5	98	5	5
6	117	0	6	6	118	1	9
7	136	6	7	7	137	10	0
8	156	0	8	8	157	6	4
9	175	6	9	9	177	2	8
10	195	0	10	10	196	10	11
11	214	6	11	11	216	7	3
12	234	1	0	12	236	3	9
13	253	7	1	13	255	11	10
14	273	1	2	14	275	8	1
15	292	7	3	15	295	4	5
16	312	1	4	16	315	0	9
17	331	7	5	17	334	9	0
18	351	1	6	18	354	5	4
19	370	7	7	19	374	1	7
20	390	1	8	20	393	9	11
21	409	7	9	21	413	6	2
22	429	1	10	22	433	2	6
23	448	7	11	23	452	10	9
24	468	2	0	24	472	7	1
25	487	8	1	25	492	3	5
26	507	2	2	26	511	11	8
27	526	8	3	27	531	8	0
28	546	2	4	28	551	4	3
29	565	8	5	29	571	2	7
30	585	2	6	30	590	10	10
31	604	8	7	31	610	7	2
32	624	2	8	32	630	3	6
33	643	8	9	33	649	11	9
34	663	2	10	34	669	8	1
35	682	8	11	35	689	4	4
36	702	3	0	36	709	0	8
37	721	9	1	37	728	8	11
38	741	3	2	38	748	5	3
39	760	9	3	39	768	1	6
40	780	3	4	40	787	9	10
41	799	9	5	41	807	6	2
42	819	3	6	42	827	2	5
43	838	9	7	43	846	10	9
44	858	3	8	44	866	7	0
45	877	9	9	45	886	3	4

Quarters of a Foot.				Quarters of a Foot.			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	10	6	3	¼	4	11	0	9
½	9	9	0	6	½	9	10	1	6
¾	14	7	6	9	¾	14	9	2	3

Ft. long	Side 53 ½			Ft. long	Side 53 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	19	10	6	1	20	0	9
2	39	9	0	2	40	1	6
3	59	7	6	3	60	2	3
4	79	6	1	4	80	3	0
5	99	4	7	5	100	3	9
6	119	3	1	6	120	4	6
7	139	1	7	7	140	5	3
8	159	0	2	8	160	6	0
9	178	10	8	9	180	6	9
10	198	9	2	10	200	7	6
11	218	7	8	11	220	8	3
12	238	6	3	12	240	9	0
13	258	4	9	13	260	9	9
14	278	3	3	14	280	10	6
15	298	1	9	15	300	11	3
16	318	0	4	16	321	0	1
17	337	10	10	17	341	0	10
18	357	9	4	18	361	1	7
19	377	7	10	19	381	2	4
20	397	6	5	20	401	3	1
21	417	4	11	21	421	3	10
22	437	3	5	22	441	4	7
23	457	1	11	23	461	5	4
24	477	0	6	24	481	6	1
25	496	11	0	25	501	6	10
26	516	9	6	26	521	7	7
27	536	8	0	27	541	8	4
28	556	6	7	28	561	9	1
29	576	5	1	29	581	9	10
30	596	3	7	30	601	10	7
31	616	2	1	31	621	11	4
32	636	0	8	32	632	0	2
33	655	11	2	33	662	0	11
34	675	9	8	34	682	1	8
35	695	8	2	35	702	2	5
36	715	6	9	36	722	3	2
37	735	5	3	37	742	3	11
38	755	3	9	38	762	4	8
39	775	2	3	39	782	5	5
40	795	0	10	40	802	6	2
41	814	11	4	41	822	6	11
42	834	9	10	42	842	7	8
43	854	8	4	43	862	8	5
44	874	6	11	44	882	9	2
45	894	5	5	45	902	9	11

Quarters of a *Foot.*					*Quarters* of a *Foot.*			
	Ft.	In.	Pa.	S.		Ft.	In.	Pa.	S.
¼	4	11	7	6	¼	5	0	2	3
½	9	11	3	0	½	10	0	4	6
¾	14	10	10	6	¾	15	0	6	9

Ft. long	Side 54			Ft. long	Side 54		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	20	3	0	27	546	9	0
2	40	6	0	28	567	0	0
3	60	9	0	29	587	3	0
4	81	0	0	30	607	6	0
5	101	3	0	31	627	9	0
6	121	6	0	32	648	0	0
7	141	9	0	33	668	3	0
8	162	0	0	34	688	6	0
9	182	3	0	35	708	9	0
10	202	6	0	36	729	0	0
11	222	9	0	37	749	3	0
12	243	0	0	38	769	6	0
13	263	3	0	39	789	9	0
14	283	6	0	40	810	0	0
15	303	9	0	41	830	3	0
16	324	0	0	42	850	6	0
17	344	3	0	43	870	9	0
18	364	6	0	44	891	0	0
19	384	9	0	45	911	3	0
20	405	0	0				
21	425	3	0				
22	445	6	0				
23	465	9	0				
24	486	0	0				
25	506	3	0				
26	526	6	0				

Quarters of a Foot.

	Ft.	In.	Pa.	S
1/4	5	0	9	0
1/2	10	1	6	0
3/4	15	2	3	0

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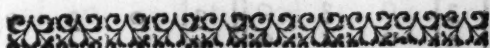
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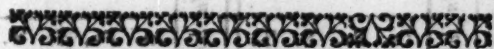
Feet long.	1 Inch broad.			Feet long.	1 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	0	1	0	1	3
2	0	2	0	2	0	2	6
3	0	3	0	3	0	3	9
4	0	4	0	4	0	5	0
5	0	5	0	5	0	6	3
6	0	6	0	6	0	7	6
7	0	7	0	7	0	8	9
8	0	8	0	8	0	10	0
9	0	9	0	9	0	11	3
10	0	10	0	10	1	0	6
11	0	11	0	11	1	1	9
12	1	0	0	12	1	3	0
13	1	1	0	13	1	4	3
14	1	2	0	14	1	5	6
15	1	3	0	15	1	6	9
16	1	4	0	16	1	8	0
17	1	5	0	17	1	9	3
18	1	6	0	18	1	10	6
19	1	7	0	19	1	11	9
20	1	8	0	20	2	1	0
21	1	9	0	21	2	2	3
22	1	10	0	22	2	3	6
23	1	11	0	23	2	4	9
24	2	0	0	24	2	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	1	0	1	0	0	1	3
2	0	0	2	0	2	0	0	2	6
3	0	0	3	0	3	0	0	3	9
4	0	0	4	0	4	0	0	5	0
5	0	0	5	0	5	0	0	6	3
6	0	0	6	0	6	0	0	7	6
7	0	0	7	0	7	0	0	8	9
8	0	0	8	0	8	0	0	10	0
9	0	0	9	0	9	0	0	11	3
10	0	0	10	0	10	0	1	0	6
11	0	0	11	0	11	0	1	1	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	0	3	0	¼	0	0	3	9
½	0	0	6	0	½	0	0	7	6
¾	0	0	9	0	¾	0	0	11	3

Feet long.	1 ½ broad.			Feet long.	1 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	6	1	0	1	9
2	0	3	0	2	0	3	6
3	0	4	6	3	0	5	3
4	0	6	0	4	0	7	0
5	0	7	6	5	0	8	9
6	0	9	0	6	0	10	6
7	0	10	6	7	1	0	3
8	1	0	0	8	1	2	0
9	1	1	6	9	1	3	9
10	1	3	0	10	1	5	6
11	1	4	6	11	1	7	3
12	1	6	0	12	1	9	0
13	1	7	6	13	1	10	9
14	1	9	0	14	2	0	6
15	1	10	6	15	2	2	3
16	2	0	0	16	2	4	0
17	2	1	6	17	2	5	9
18	2	3	0	18	2	7	6
19	2	4	6	19	2	9	3
20	2	6	0	20	2	11	0
21	2	7	6	21	3	0	9
22	2	9	0	22	3	2	6
23	2	10	6	23	3	4	3
24	3	0	0	24	3	6	0

Inches long.	Ft.	In.	Pa.	S	Inches long.	Ft.	In.	Pa.	S.
1	0	0	1	6	1	0	0	1	9
2	0	0	3	0	2	0	0	3	6
3	0	0	4	6	3	0	0	5	3
4	0	0	6	0	4	0	0	7	0
5	0	0	7	6	5	0	0	8	9
6	0	0	9	0	6	0	0	10	6
7	0	0	10	6	7	0	1	0	3
8	0	1	0	0	8	0	1	2	0
9	0	1	1	6	9	0	1	3	9
10	0	1	3	0	10	0	1	5	6
11	0	1	4	6	11	0	1	7	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	0	4	6	1/4	0	0	5	3
1/2	0	0	9	0	1/2	0	0	10	6
3/4	0	1	1	6	3/4	0	1	3	9

Feet long.	2 Inch. broad.			Feet long.	2 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	2	0	1	0	2	3
2	0	4	0	2	0	4	6
3	0	6	0	3	0	6	9
4	0	8	0	4	0	9	0
5	0	10	0	5	0	11	3
6	1	0	0	6	1	1	6
7	1	2	0	7	1	3	9
8	1	4	0	8	1	6	0
9	1	6	0	9	1	8	3
10	1	8	0	10	1	10	6
11	1	10	0	11	2	0	9
12	2	0	0	12	2	3	0
13	2	2	0	13	2	5	3
14	2	4	0	14	2	7	6
15	2	6	0	15	2	9	9
16	2	8	0	16	3	0	0
17	2	10	0	17	3	2	3
18	3	0	0	18	3	4	6
19	3	2	0	19	3	6	9
20	3	4	0	20	3	9	0
21	3	6	0	21	3	11	3
22	3	8	0	22	4	1	6
23	3	10	0	23	4	3	9
24	4	0	0	24	4	6	0

Inches long.	Ft.	In.	Pa.	S	Inches long.	Ft.	In.	Pa.	S
1	0	0	2	0	1	0	0	2	3
2	0	0	4	0	2	0	0	4	6
3	0	0	6	0	3	0	0	6	9
4	0	0	8	0	4	0	0	9	0
5	0	0	10	0	5	0	0	11	3
6	0	1	0	0	6	0	1	1	6
7	0	1	2	0	7	0	1	3	9
8	0	1	4	0	8	0	1	6	0
9	0	1	6	0	9	0	1	8	3
10	0	1	8	0	10	0	2	10	6
11	0	1	10	0	11	0	3	0	9

Qrs. In. long.	In	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1	0	0	6	0	1	0	0	6	9
½	0	1	0	0	½	0	1	1	6
¾	0	1	6	0	¾	0	1	8	3

Feet long.	2 ½ broad. Ft.	In.	Pa.	Feet long.	2 ¾ broad. Ft.	In.	Pa.
1	0	2	6	1	0	2	9
2	0	5	0	2	0	5	6
3	0	7	6	3	0	8	3
4	0	10	0	4	0	11	0
5	1	0	6	5	1	1	9
6	1	3	0	6	1	4	6
7	1	5	6	7	1	7	3
8	1	8	0	8	1	10	0
9	1	10	6	9	2	0	9
10	2	1	0	10	2	3	6
11	2	3	6	11	2	6	3
12	2	6	0	12	2	9	0
13	2	8	6	13	2	11	9
14	2	11	0	14	3	2	6
15	3	1	6	15	3	5	3
16	3	4	0	16	3	8	0
17	3	6	6	17	3	10	9
18	3	9	0	18	4	1	6
19	3	11	6	19	4	4	3
20	4	2	0	20	4	7	0
21	4	4	6	21	4	9	9
22	4	7	0	22	5	0	6
23	4	9	6	23	5	3	3
24	5	0	0	24	5	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	2	6	1	0	0	2	9
2	0	0	5	0	2	0	0	5	6
3	0	0	7	6	3	0	0	8	3
4	0	0	10	0	4	0	0	11	0
5	0	1	0	6	5	0	1	1	9
6	0	1	3	0	6	0	1	4	6
7	0	1	5	6	7	0	1	7	3
8	0	1	8	0	8	0	1	10	0
9	0	1	10	6	9	0	2	0	9
10	0	2	1	0	10	0	2	3	6
11	0	2	3	6	11	0	2	6	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	0	7	6	1/4	0	0	8	3
1/2	0	1	3	0	1/2	0	1	4	6
3/4	0	1	10	6	3/4	0	2	0	9

Feet long.	3 Inch. broad.			Feet long.	3 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	3	0	1	0	3	3
2	0	6	0	2	0	6	6
3	0	9	0	3	0	9	9
4	1	0	0	4	1	1	0
5	1	3	0	5	1	4	3
6	1	6	0	6	1	7	6
7	1	9	0	7	1	10	9
8	2	0	0	8	2	2	0
9	2	3	0	9	2	5	3
10	2	6	0	10	2	8	6
11	2	9	0	11	2	11	9
12	3	0	0	12	3	3	0
13	3	3	0	13	3	6	3
14	3	6	0	14	3	9	6
15	3	9	0	15	4	0	9
16	4	0	0	16	4	4	0
17	4	3	0	17	4	7	3
18	4	6	0	18	4	10	6
19	4	9	0	19	5	1	9
20	5	0	0	20	5	5	0
21	5	3	0	21	5	8	3
22	5	6	0	22	5	11	6
23	5	9	0	23	6	2	9
24	6	0	0	24	6	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	3	0	1	0	0	3	3
2	0	0	6	0	2	0	0	6	6
3	0	0	9	0	3	0	0	9	9
4	0	1	0	0	4	0	1	1	0
5	0	1	3	0	5	0	1	4	3
6	0	1	6	0	6	0	1	7	6
7	0	1	9	0	7	0	1	10	9
8	0	2	0	0	8	0	2	2	0
9	0	2	3	0	9	0	2	5	3
10	0	2	6	0	10	0	2	8	6
11	0	2	9	0	11	0	2	11	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	0	9	0	1/4	0	0	9	9
2/4	0	1	6	0	2/4	0	1	7	6
3/4	0	2	3	0	3/4	0	2	5	3

Feet long — 3 ½ broad.

Feet long.	Ft.	In.	Pa.
1	0	3	6
2	0	7	0
3	0	10	6
4	1	2	0
5	1	5	6
6	1	9	0
7	2	0	6
8	2	4	0
9	2	7	6
10	2	11	0
11	3	2	6
12	3	6	0
13	3	9	6
14	4	1	0
15	4	4	6
16	4	8	0
17	4	11	6
18	5	3	0
19	5	6	6
20	5	10	0
21	6	1	6
22	6	5	0
23	6	8	6
24	7	0	0

Feet long — 3 ¾ broad.

Feet long.	Ft.	In.	Pa.
1	0	3	9
2	0	7	6
3	0	11	3
4	1	3	0
5	1	6	9
6	1	10	6
7	2	2	3
8	2	6	0
9	2	9	9
10	3	1	6
11	3	5	3
12	3	9	0
13	4	0	9
14	4	4	6
15	4	8	3
16	5	0	0
17	5	3	9
18	5	7	6
19	5	11	3
20	6	3	0
21	6	6	9
22	6	10	6
23	7	2	3
24	7	6	0

Inches long — 3 ½ broad.

Inches long.	Ft.	In.	Pa.	S.
1	0	0	3	6
2	0	0	7	0
3	0	0	10	6
4	0	1	2	0
5	0	1	5	6
6	0	1	9	0
7	0	2	0	6
8	0	2	4	0
9	0	2	7	6
10	0	2	11	0
11	0	3	2	6

Inches long — 3 ¾ broad.

Inches long.	Ft.	In.	Pa.	S.
1	0	0	3	9
2	0	0	7	6
3	0	0	11	3
4	0	1	3	0
5	0	1	6	9
6	0	1	10	6
7	0	2	2	3
8	0	2	6	0
9	0	2	9	9
10	0	3	1	6
11	0	3	5	3

Drs. In. long — 3 ½ broad.

Drs. In. long.	In.	Pa.	S.	T.
1 ¼	0	0	10	6
1 ½	0	1	9	0
2 ¾	0	2	7	6

Drs. In. long — 3 ¾ broad.

Drs. In. long.	In.	Pa.	S.	T.
1 ¼	0	0	11	3
1 ½	0	1	10	6
2 ¾	0	2	9	9

Feet long.	4 Inch. broad.			Feet long.	4 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	0	1	0	4	3
2	0	8	0	2	0	8	6
3	1	0	0	3	1	0	9
4	1	4	0	4	1	5	0
5	1	8	0	5	1	9	3
6	2	0	0	6	2	1	6
7	2	4	0	7	2	5	9
8	2	8	0	8	2	10	0
9	3	0	0	9	3	2	3
10	3	4	0	10	3	6	6
11	3	8	0	11	3	10	9
12	4	0	0	12	4	3	0
13	4	4	0	13	4	7	3
14	4	8	0	14	4	11	6
15	5	0	0	15	5	3	9
16	5	4	0	16	5	8	0
17	5	8	0	17	6	0	3
18	6	0	0	18	6	4	6
19	6	4	0	19	6	8	9
20	6	8	0	20	7	1	0
21	7	0	0	21	7	5	3
22	7	4	0	22	7	9	6
23	7	8	0	23	8	1	9
24	8	0	0	24	8	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	4	0	1	0	0	4	3
2	0	0	8	0	2	0	0	8	6
3	0	1	0	0	3	0	1	0	9
4	0	1	4	0	4	0	1	5	0
5	0	1	8	0	5	0	1	9	3
6	0	2	0	0	6	0	2	1	6
7	0	2	4	0	7	0	2	5	9
8	0	2	8	0	8	0	2	10	0
9	0	3	0	0	9	0	3	2	3
10	0	3	4	0	10	0	3	6	6
11	0	3	8	0	11	0	3	10	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	1	0	0	¼	0	1	0	9
½	0	2	0	0	½	0	2	1	6
¾	0	3	0	0	¾	0	3	2	3

Feet long.	4½ broad.			Feet long.	4¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	6	1	0	4	9
2	0	9	0	2	0	9	6
3	1	1	6	3	1	2	3
4	1	6	0	4	1	7	0
5	1	10	6	5	1	11	9
6	2	3	0	6	2	4	6
7	2	7	6	7	2	9	3
8	3	0	0	8	3	2	0
9	3	4	6	9	3	6	9
10	3	9	0	10	3	11	6
11	4	1	6	11	4	4	3
12	4	6	0	12	4	9	0
13	4	10	6	13	5	1	9
14	5	3	0	14	5	6	6
15	5	7	6	15	5	11	3
16	6	0	0	16	6	4	0
17	6	4	6	17	6	8	9
18	6	9	0	18	7	1	6
19	7	1	6	19	7	6	3
20	7	6	0	20	7	11	0
21	7	10	6	21	8	3	9
22	8	3	0	22	8	8	6
23	8	7	6	23	9	1	3
24	9	0	0	24	9	6	0

Inches long.	Ft.	In.	Pa.	S	Inches long.	Ft.	In.	Pa.	S.
1	0	0	4	6	1	0	0	4	9
2	0	0	9	0	2	0	0	9	6
3	0	1	1	6	3	0	1	2	3
4	0	1	6	0	4	0	1	7	0
5	0	1	10	6	5	0	1	11	9
6	0	2	3	0	6	0	2	4	6
7	0	2	7	6	7	0	2	9	3
8	0	3	0	0	8	0	3	2	0
9	0	3	4	6	9	0	3	6	9
10	0	3	9	0	10	0	3	11	6
11	0	4	1	6	11	0	4	4	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
	0	1	1	6		0	1	2	3
	0	2	3	0		0	2	4	6
	0	3	4	6		0	3	6	9

Feet long.	5 Inch. broad.		
	Ft.	In.	Pa.
1	0	5	0
2	0	10	0
3	1	3	0
4	1	8	0
5	2	1	0
6	2	6	0
7	2	11	0
8	3	4	0
9	3	9	0
10	4	2	0
11	4	7	0
12	5	0	0
13	5	5	0
14	5	10	0
15	6	3	0
16	6	8	0
17	7	1	0
18	7	6	0
19	7	11	0
20	8	4	0
21	8	9	0
22	9	2	0
23	9	7	0
24	10	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	5	0
2	0	0	10	0
3	0	1	3	0
4	0	1	8	0
5	0	2	1	0
6	0	2	6	0
7	0	2	11	0
8	0	3	4	0
9	0	3	9	0
10	0	4	2	0
11	0	4	7	0

Qrs. In. long.	In.	Pa.	S.	T.
1	0	1	3	0
2	0	2	6	0
3	0	3	9	0

Feet long.	5 ¼ broad.		
	Ft.	In.	Pa.
1	0	5	3
2	0	10	6
3	1	3	9
4	1	9	0
5	2	2	3
6	2	7	6
7	3	0	9
8	3	6	0
9	3	11	3
10	4	4	6
11	4	9	9
12	5	3	0
13	5	8	3
14	6	1	6
15	6	6	9
16	7	0	0
17	7	5	3
18	7	10	6
19	8	3	9
20	8	9	0
21	9	2	3
22	9	7	6
23	10	0	9
24	10	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	5	3
2	0	0	10	6
3	0	1	3	9
4	0	1	9	0
5	0	2	2	3
6	0	2	7	6
7	0	3	0	9
8	0	3	6	0
9	0	3	11	3
10	0	4	9	6
11	0	4	4	9

Qrs. In. long.	In.	Pa.	S.	T.
1	0	1	3	9
2	0	2	7	6
3	0	3	11	3

Feet long.	5 ½ broad.			Feet long.	5 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	5	6	1	0	5	9
2	0	11	0	2	0	11	6
3	1	4	6	3	1	5	3
4	1	10	0	4	1	11	0
5	2	3	6	5	2	4	9
6	2	9	0	6	2	10	6
7	3	2	6	7	3	4	3
8	3	8	0	8	3	10	0
9	4	1	6	9	4	3	9
10	4	7	0	10	4	9	6
11	5	0	6	11	5	3	3
12	5	6	0	12	5	9	0
13	5	11	6	13	6	2	9
14	6	5	0	14	6	8	6
15	6	10	6	15	7	2	3
16	7	4	0	16	7	8	0
17	7	9	6	17	8	1	9
18	8	3	0	18	8	7	6
19	8	8	6	19	9	1	3
20	9	2	0	20	9	7	0
21	9	7	6	21	10	0	9
22	10	1	0	22	10	6	6
23	10	6	6	23	11	2	3
24	11	0	0	24	11	8	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S
1	0	0	5	6	1	0	0	5	9
2	0	0	11	0	2	0	0	11	6
3	0	1	4	6	3	0	1	5	3
4	0	1	10	0	4	0	1	11	0
5	0	2	3	6	5	0	2	4	9
6	0	2	9	0	6	0	2	10	6
7	0	3	2	6	7	0	3	4	3
8	0	3	8	0	8	0	3	10	0
9	0	4	1	6	9	0	4	3	9
10	0	4	7	0	10	0	4	9	6
11	0	5	0	6	11	0	5	3	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	1	4	6	1/4	0	1	5	3
1/2	0	2	9	0	1/2	0	2	10	6
3/4	0	4	1	6	3/4	0	4	3	9

Feet long.	6 Inch. broad.			Feet long.	6 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	6	0	1	0	6	3
2	1	0	0	2	1	0	6
3	1	6	0	3	1	6	9
4	2	0	0	4	2	1	0
5	2	6	0	5	2	7	3
6	3	0	0	6	3	1	6
7	3	6	0	7	3	7	9
8	4	0	0	8	4	2	0
9	4	6	0	9	4	8	3
10	5	0	0	10	5	2	6
11	5	6	0	11	5	8	9
12	6	0	0	12	6	3	0
13	6	6	0	13	6	9	3
14	7	0	0	14	7	3	6
15	7	6	0	15	7	9	9
16	8	0	0	16	8	4	0
17	8	6	0	17	8	10	3
18	9	0	0	18	9	4	6
19	9	6	0	19	9	10	9
20	10	0	0	20	10	5	0
21	10	6	0	21	10	11	3
22	11	0	0	22	11	5	6
23	11	6	0	23	11	11	9
24	12	0	0	24	12	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	6	0	1	0	0	6	3
2	0	1	0	0	2	0	1	0	6
3	0	1	6	0	3	0	1	6	9
4	0	2	0	0	4	0	2	1	0
5	0	2	6	0	5	0	2	7	3
6	0	3	0	0	6	0	3	1	6
7	0	3	6	0	7	0	3	7	9
8	0	4	0	0	8	0	4	2	0
9	0	4	6	0	9	0	4	8	3
10	0	5	0	0	10	0	5	2	6
11	0	5	6	0	11	0	5	8	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	1	6	0	¼	0	1	6	9
½	0	3	0	0	½	0	3	1	6
¾	0	4	6	0	¾	0	4	8	3

Feet long.	6 ½ broad.			Feet long.	6 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	6	6	1	0	6	9
2	1	1	0	2	1	1	6
3	1	7	6	3	1	8	3
4	2	2	0	4	2	3	0
5	2	8	6	5	2	9	9
6	3	3	0	6	3	4	6
7	3	9	6	7	3	11	3
8	4	4	0	8	4	6	0
9	4	10	6	9	5	0	9
10	5	5	0	10	5	7	6
11	5	11	6	11	6	2	3
12	6	6	0	12	6	9	0
13	7	0	6	13	7	3	9
14	7	7	0	14	7	10	6
15	8	1	6	15	8	5	3
16	8	8	0	16	9	0	0
17	9	2	6	17	9	6	9
18	9	9	0	18	10	1	6
19	10	3	6	19	10	8	3
20	10	10	0	20	11	3	0
21	11	4	6	21	11	9	9
22	11	11	0	22	12	4	6
23	12	5	6	23	12	11	3
24	13	0	0	24	13	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	6	6	1	0	0	6	9
2	0	1	1	0	2	0	1	1	6
3	0	1	7	6	3	0	1	8	3
4	0	2	2	0	4	0	2	3	0
5	0	2	8	6	5	0	2	9	9
6	0	3	3	0	6	0	3	4	6
7	0	3	9	6	7	0	3	11	3
8	0	4	4	0	8	0	4	6	0
9	0	4	10	6	9	0	5	0	9
10	0	5	5	0	10	0	5	7	6
11	0	5	11	6	11	0	6	2	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	1	7	6	1/4	0	1	8	3
1/2	0	3	3	0	1/2	0	3	4	6
3/4	0	4	10	6	3/4	0	5	0	9

Feet long.	7 Inch. broad.			Feet long.	7 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	7	0	1	0	7	3
2	1	2	0	2	1	2	6
3	1	9	0	3	1	9	9
4	2	4	0	4	2	5	0
5	2	11	0	5	3	0	3
6	3	6	0	6	3	7	6
7	4	1	0	7	4	2	9
8	4	8	0	8	4	10	0
9	5	3	0	9	5	5	3
10	5	10	0	10	6	0	6
11	6	5	0	11	6	7	9
12	7	0	0	12	7	3	0
13	7	7	0	13	7	10	3
14	8	2	0	14	8	5	6
15	8	9	0	15	9	0	9
16	9	4	0	16	9	8	0
17	9	11	0	17	10	3	3
18	10	6	0	18	10	10	6
19	11	1	0	19	11	5	9
20	11	8	0	20	12	1	0
21	12	3	0	21	12	8	3
22	12	10	0	22	13	3	6
23	13	5	0	23	13	10	9
24	14	0	0	24	14	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	7	0	1	0	0	7	3
2	0	1	2	0	2	0	1	2	6
3	0	1	9	0	3	0	1	9	9
4	0	2	4	0	4	0	2	5	0
5	0	2	11	0	5	0	3	0	3
6	0	3	6	0	6	0	3	7	6
7	0	4	1	0	7	0	4	2	9
8	0	4	8	0	8	0	4	10	0
9	0	5	3	0	9	0	5	5	3
10	0	5	10	0	10	0	6	0	6
11	0	6	5	0	11	0	6	7	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	1	9	0	¼	0	1	9	9
2/4	0	3	6	0	2/4	0	3	7	6
3/4	0	5	3	0	3/4	0	5	5	3

Feet long.	7 ½ broad.			Feet long.	7 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	7	6	1	0	7	9
2	1	3	0	2	1	3	6
3	1	10	6	3	1	11	3
4	2	6	0	4	2	7	0
5	3	1	6	5	3	2	9
6	3	9	0	6	3	10	6
7	4	4	6	7	4	6	3
8	5	0	0	8	5	2	0
9	5	7	6	9	5	9	9
10	6	3	0	10	6	5	6
11	6	10	6	11	7	1	3
12	7	6	0	12	7	9	0
13	8	1	6	13	8	4	9
14	8	9	0	14	9	0	6
15	9	4	6	15	9	8	3
16	10	0	0	16	10	4	0
17	10	7	6	17	10	11	9
18	11	3	0	18	11	7	6
19	11	10	6	19	12	3	3
20	12	6	0	20	12	11	0
21	13	1	6	21	13	6	9
22	13	9	0	22	14	2	6
23	14	4	6	23	14	10	3
24	15	0	0	24	15	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	7	6	1	0	0	7	9
2	0	1	3	0	2	0	1	3	6
3	0	1	10	6	3	0	1	11	3
4	0	2	6	0	4	0	2	7	0
5	0	3	1	6	5	0	3	2	9
6	0	3	9	0	6	0	3	10	6
7	0	4	4	6	7	0	4	6	3
8	0	5	0	0	8	0	5	2	0
9	0	5	7	6	9	0	5	9	9
10	0	6	3	0	10	0	6	5	6
11	0	6	10	6	11	0	7	1	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	1	10	6	1/4	0	1	11	3
1/2	0	3	9	0	1/2	0	3	10	6
3/4	0	5	7	6	3/4	0	5	9	9

Feet long.	8 Inch. broad.		
	Ft.	In.	Pa.
1	0	8	0
2	1	4	0
3	2	0	0
4	2	8	0
5	3	4	0
6	4	0	0
7	4	8	0
8	5	4	0
9	6	0	0
10	6	8	0
11	7	4	0
12	8	0	0
13	8	8	0
14	9	4	0
15	10	0	0
16	10	8	0
17	11	4	0
18	12	0	0
19	12	8	0
20	13	4	0
21	14	0	0
22	14	8	0
23	15	4	0
24	16	0	0

Inches long.	Ft.	In.	Pa.	S
1	0	0	8	0
2	0	1	4	0
3	0	2	0	0
4	0	2	8	0
5	0	3	4	0
6	0	4	0	0
7	0	4	8	0
8	0	5	4	0
9	0	6	0	0
10	0	6	8	0
11	0	7	4	0

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	2	0	0
1/2	0	4	0	0
3/4	0	6	0	0

Feet long.	8 ¼ broad.		
	Ft.	In.	Pa.
1	0	8	3
2	1	4	6
3	2	0	9
4	2	9	0
5	3	5	3
6	4	1	6
7	4	9	9
8	5	6	0
9	6	2	3
10	6	10	6
11	7	6	9
12	8	3	0
13	8	11	3
14	9	7	6
15	10	3	9
16	11	0	0
17	11	8	3
18	12	4	6
19	13	0	9
20	13	9	0
21	14	5	3
22	15	1	6
23	15	9	9
24	16	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	8	3
2	0	1	4	6
3	0	2	0	9
4	0	2	9	0
5	0	3	5	3
6	0	4	1	6
7	0	4	9	9
8	0	5	6	0
9	0	6	2	3
10	0	6	10	6
11	0	7	6	9

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	2	0	9
1/2	0	4	1	6
3/4	0	6	2	3

8 ½ broad.

Feet long.	Ft.	In.	Pa.
1	0	8	6
2	1	5	0
3	2	1	6
4	2	10	0
5	3	6	6
6	4	3	0
7	4	11	6
8	5	8	0
9	6	4	6
10	7	1	0
11	7	9	6
12	8	6	0
13	9	2	6
14	9	11	0
15	10	7	6
16	11	4	0
17	12	0	6
18	12	9	0
19	13	5	6
20	14	2	0
21	14	10	6
22	15	7	0
23	16	3	6
24	17	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	8	6
2	0	1	5	0
3	0	2	1	6
4	0	2	10	0
5	0	3	6	6
6	0	4	3	0
7	0	4	11	6
8	0	5	8	0
9	0	6	4	6
10	0	7	1	0
11	0	7	9	6

Qrs. In. long.	In.	Pa.	S	T.
1/4	0	2	1	6
2/4	0	4	3	0
3/4	0	6	4	6

8 ¾ broad.

Feet long.	Ft.	In.	Pa.
1	0	8	9
2	1	5	6
3	2	2	3
4	2	11	0
5	3	7	9
6	4	4	6
7	5	1	3
8	5	10	0
9	6	6	9
10	7	3	6
11	8	0	3
12	8	9	0
13	9	5	9
14	10	2	6
15	10	11	3
16	11	8	0
17	12	4	9
18	13	1	6
19	13	10	3
20	14	7	0
21	15	3	9
22	16	0	6
23	16	9	3
24	17	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	8	9
2	0	1	5	6
3	0	2	2	3
4	0	2	11	0
5	0	3	7	9
6	0	4	4	6
7	0	5	1	3
8	0	5	10	0
9	0	6	6	9
10	0	7	3	6
11	0	8	0	3

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	2	2	3
2/4	0	4	4	6
3/4	0	6	6	9

T

Feet long.	9 Inch. broad.			Feet long.	9 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	9	0	1	0	9	3
2	1	6	0	2	1	6	6
3	2	3	0	3	2	3	9
4	3	0	0	4	3	1	0
5	3	9	0	5	3	10	3
6	4	6	0	6	4	7	6
7	5	3	0	7	5	4	9
8	6	0	0	8	6	2	0
9	6	9	0	9	6	11	3
10	7	6	0	10	7	8	6
11	8	3	0	11	8	5	9
12	9	0	0	12	9	3	0
13	9	9	0	13	10	0	3
14	10	6	0	14	10	9	6
15	11	3	0	15	11	6	9
16	12	0	0	16	12	4	0
17	12	9	0	17	13	1	3
18	13	6	0	18	13	10	6
19	14	3	0	19	14	7	9
20	15	0	0	20	15	5	0
21	15	9	0	21	16	2	3
22	16	6	0	22	16	11	6
23	17	3	0	23	17	8	9
24	18	0	0	24	18	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	9	0	1	0	0	9	3
2	0	1	6	0	2	0	1	6	6
3	0	2	3	0	3	0	2	3	9
4	0	3	0	0	4	0	3	1	0
5	0	3	9	0	5	0	3	10	3
6	0	4	6	0	6	0	4	7	6
7	0	5	3	0	7	0	5	4	9
8	0	6	0	0	8	0	6	2	0
9	0	6	9	0	9	0	6	11	3
10	0	7	6	0	10	0	7	8	6
11	0	8	3	0	11	0	8	5	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	2	3	0	1/4	0	2	3	9
1/2	0	4	6	0	1/2	0	4	7	6
3/4	0	6	9	0	3/4	0	6	11	3

Feet long.	9 ½ broad.			Feet long.	9 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	9	6	1	0	9	9
2	1	7	0	2	1	7	6
3	2	4	6	3	2	5	3
4	3	2	0	4	3	3	0
5	3	11	6	5	4	0	9
6	4	9	0	6	4	10	6
7	5	6	6	7	5	8	3
8	6	4	0	8	6	6	0
9	7	1	6	9	7	3	9
10	7	11	0	10	8	1	6
11	8	8	6	11	8	11	3
12	9	6	0	12	9	9	0
13	10	3	6	13	10	6	9
14	11	1	0	14	11	4	6
15	11	10	6	15	12	2	3
16	12	8	0	16	13	0	0
17	13	5	6	17	13	9	9
18	14	3	0	18	14	7	6
19	15	0	6	19	15	5	3
20	15	10	0	20	16	3	0
21	16	7	6	21	17	0	9
22	17	5	0	22	17	10	6
23	18	2	6	23	18	8	3
24	19	0	0	24	19	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	9	6	1	0	0	9	9
2	0	1	7	0	2	0	1	7	6
3	0	2	4	6	3	0	2	5	3
4	0	3	2	0	4	0	3	3	0
5	0	3	11	6	5	0	4	0	9
6	0	4	9	6	6	0	4	10	6
7	0	5	6	6	7	0	5	8	3
8	0	6	4	0	8	0	6	6	0
9	0	7	1	6	9	0	7	3	9
10	0	7	11	0	10	0	8	1	6
11	0	8	8	6	11	0	8	11	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	2	4	6	¼	0	2	5	3
½	0	4	9	0	½	0	4	10	6
¾	0	7	1	6	¾	0	7	3	9

T 2

Feet long.	10 In. broad.			Feet long.	10 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	10	0	1	0	10	3
2	1	8	0	2	1	8	6
3	2	6	0	3	2	6	9
4	3	4	0	4	3	5	0
5	4	2	0	5	4	3	3
6	5	0	0	6	5	1	6
7	5	10	0	7	5	11	9
8	6	8	0	8	6	10	0
9	7	6	0	9	7	8	3
10	8	4	0	10	8	6	6
11	9	2	0	11	9	4	9
12	10	0	0	12	10	3	0
13	10	10	0	13	11	1	3
14	11	8	0	14	11	11	6
15	12	6	0	15	12	9	9
16	13	4	0	16	13	8	0
17	14	2	0	17	14	6	3
18	15	0	0	18	15	4	6
19	15	10	0	19	16	2	9
20	16	8	0	20	17	1	0
21	17	6	0	21	17	11	3
22	18	4	0	22	18	9	6
23	19	2	0	23	19	7	9
24	20	0	0	24	20	6	0

Inches long.	Ft.	In.	Pa.	S	Inches long.	Ft.	In.	Pa.	S.
1	0	0	10	0	1	0	0	10	3
2	0	1	8	0	2	0	1	8	6
3	0	2	6	0	3	0	2	6	9
4	0	3	4	0	4	0	3	5	0
5	0	4	2	0	5	0	4	3	3
6	0	5	0	0	6	0	5	1	6
7	0	5	10	0	7	0	5	11	9
8	0	6	8	0	8	0	6	10	0
9	0	7	6	0	9	0	7	8	3
10	0	8	4	0	10	0	8	6	6
11	0	9	2	0	11	0	9	4	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	2	6	0	1/4	0	2	6	9
2/4	0	5	0	0	2/4	0	5	1	6
3/4	0	7	6	0	3/4	0	7	8	3

Feet long.	10 ½ broad.			Feet long.	10 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	10	6	1	0	10	9
2	1	9	0	2	1	9	6
3	2	7	6	3	2	8	3
4	3	6	0	4	3	7	0
5	4	4	6	5	4	5	9
6	5	3	0	6	5	4	6
7	6	1	6	7	6	3	3
8	7	0	0	8	7	2	0
9	7	10	6	9	8	0	9
10	8	9	0	10	8	11	6
11	9	7	6	11	9	10	3
12	10	6	0	12	10	9	0
13	11	4	6	13	11	7	9
14	12	3	0	14	12	6	6
15	13	1	6	15	13	5	3
16	14	0	0	16	14	4	0
17	14	10	6	17	15	2	9
18	15	9	0	18	16	1	6
19	16	7	6	19	17	0	3
20	17	6	0	20	17	11	0
21	18	4	6	21	18	9	9
22	19	3	0	22	19	8	6
23	20	1	6	23	20	7	3
24	21	0	0	24	21	6	0

Inches long.	Ft.	In.	Pa.	S	Inches long.	Ft.	In.	Pa.	S
1	0	0	10	6	1	0	0	10	9
2	0	1	9	0	2	0	1	9	6
3	0	2	7	6	3	0	2	8	3
4	0	3	6	6	4	0	3	7	0
5	0	4	4	6	5	0	4	5	9
6	0	5	3	6	6	0	5	4	6
7	0	6	1	6	7	0	6	3	3
8	0	7	0	0	8	0	7	2	0
9	0	7	10	6	9	0	8	0	9
10	0	8	9	0	10	0	8	11	6
11	0	9	7	6	11	0	9	10	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	2	7	6	1/4	0	2	8	3
1/2	0	5	3	0	1/2	0	5	4	6
3/4	0	7	10	6	3/4	0	8	0	9

Feet long.	11 In. broad.		
	Ft.	In.	Pa.
1	0	11	0
2	1	10	0
3	2	9	0
4	3	8	0
5	4	7	0
6	5	6	0
7	6	5	0
8	7	4	0
9	8	3	0
10	9	2	0
11	10	1	0
12	11	0	0
13	11	11	0
14	12	10	0
15	13	9	0
16	14	8	0
17	15	7	0
18	16	6	0
19	17	5	0
20	18	4	0
21	19	3	0
22	20	2	0
23	21	1	0
24	22	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	11	0
2	0	1	10	0
3	0	2	9	0
4	0	3	8	0
5	0	4	7	0
6	0	5	6	0
7	0	6	5	0
8	0	7	4	0
9	0	8	3	0
10	0	9	2	0
11	0	10	1	0

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	2	9	0
1/2	0	5	6	0
3/4	0	8	3	0

Feet long.	11 $\frac{1}{4}$ broad.		
	Ft.	In.	Pa.
1	0	11	3
2	1	10	6
3	2	9	9
4	3	9	0
5	4	8	3
6	5	7	6
7	6	6	9
8	7	6	0
9	8	5	3
10	9	4	6
11	10	3	9
12	11	3	0
13	12	2	3
14	13	1	6
15	14	0	9
16	15	0	0
17	15	11	3
18	16	10	6
19	17	9	9
20	18	9	0
21	19	8	3
22	20	7	6
23	21	6	9
24	22	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	0	11	3
2	0	1	10	6
3	0	2	9	9
4	0	3	9	0
5	0	4	8	3
6	0	5	7	6
7	0	6	6	9
8	0	7	6	0
9	0	8	5	3
10	0	9	4	6
11	0	10	3	9

Qrs. In. long.	In.	Pa.	S.	T
1/4	0	2	9	9
1/2	0	5	7	6
3/4	0	8	5	3

Feet long.	11 ½ broad.			Feet long.	11 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	11	6	1	0	11	9
2	1	11	0	2	1	11	6
3	2	10	6	3	2	11	3
4	3	10	0	4	3	11	0
5	4	9	6	5	4	10	9
6	5	9	0	6	5	10	6
7	6	8	6	7	6	10	3
8	7	8	0	8	7	10	0
9	8	7	6	9	8	9	9
10	9	7	0	10	9	9	6
11	10	6	6	11	10	9	3
12	11	6	0	12	11	9	0
13	12	5	6	13	12	8	9
14	13	5	0	14	13	8	6
15	14	4	6	15	14	8	3
16	15	4	0	16	15	8	0
17	16	3	6	17	16	7	9
18	17	3	0	18	17	7	6
19	18	2	6	19	18	7	3
20	19	2	0	20	19	7	0
21	20	1	6	21	20	6	9
22	21	1	0	22	21	6	6
23	22	0	6	23	22	6	3
24	23	0	0	24	23	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	0	11	6	1	0	0	11	9
2	0	1	11	0	2	0	1	11	6
3	0	2	10	6	3	0	2	11	3
4	0	3	10	0	4	0	3	11	0
5	0	4	9	6	5	0	4	10	9
6	0	5	9	0	6	0	5	10	6
7	0	6	8	6	7	0	6	10	3
8	0	7	8	0	8	0	7	10	0
9	0	8	7	6	9	0	8	9	9
10	0	9	7	0	10	0	9	9	6
11	0	10	6	6	11	0	10	9	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1	0	2	10	6	1	0	2	11	3
2	0	5	9	0	2	0	5	10	6
3	0	8	7	6	3	0	8	9	9

Feet long.	12 In. broad.			Feet long.	12 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	0	0	1	1	0	3
2	2	0	0	2	2	0	6
3	3	0	0	3	3	0	9
4	4	0	0	4	4	1	0
5	5	0	0	5	5	1	3
6	6	0	0	6	6	1	6
7	7	0	0	7	7	1	9
8	8	0	0	8	8	2	0
9	9	0	0	9	9	2	3
10	10	0	0	10	10	2	6
11	11	0	0	11	11	2	9
12	12	0	0	12	12	3	0
13	13	0	0	13	13	3	3
14	14	0	0	14	14	3	6
15	15	0	0	15	15	3	9
16	16	0	0	16	16	4	0
17	17	0	0	17	17	4	3
18	18	0	0	18	18	4	6
19	19	0	0	19	19	4	9
20	20	0	0	20	20	5	0
21	21	0	0	21	21	5	3
22	22	0	0	22	22	5	6
23	23	0	0	23	23	5	9
24	24	0	0	24	24	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	0	0	1	0	1	0	3
2	0	2	0	0	2	0	2	0	6
3	0	3	0	0	3	0	3	0	9
4	0	4	0	0	4	0	4	1	0
5	0	5	0	0	5	0	5	1	3
6	0	6	0	0	6	0	6	1	6
7	0	7	0	0	7	0	7	1	9
8	0	8	0	0	8	0	8	2	0
9	0	9	0	0	9	0	9	2	3
10	0	10	0	0	10	0	10	2	6
11	0	11	0	0	11	0	11	2	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1¼	0	3	0	0	1¼	0	3	0	9
½	0	6	0	0	½	0	6	1	6
¾	0	9	0	0	¾	0	9	2	3

Feet long.	12 ½ broad.			Feet long.	12 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	0	6	1	1	0	9
2	2	1	0	2	2	1	6
3	3	1	6	3	3	2	3
4	4	2	0	4	4	3	0
5	5	2	6	5	5	3	9
6	6	3	0	6	6	4	6
7	7	3	6	7	7	5	3
8	8	4	0	8	8	6	0
9	9	4	6	9	9	6	9
10	10	5	0	10	10	7	6
11	11	5	6	11	11	8	3
12	12	6	0	12	12	9	0
13	13	6	6	13	13	9	9
14	14	7	0	14	14	10	6
15	15	7	6	15	15	11	3
16	16	8	0	16	17	0	0
17	17	8	6	17	18	0	9
18	18	9	0	18	19	1	6
19	19	9	6	19	20	2	3
20	20	10	0	20	21	3	0
21	21	10	6	21	22	3	9
22	22	11	0	22	23	4	6
23	23	11	6	23	24	5	3
24	25	0	0	24	25	6	0

Inches long.	Ft.	In.	Pa.	S	Inches long.	Ft.	In.	Pa.	S
1	0	1	0	6	1	0	1	0	9
2	0	2	1	0	2	0	2	1	6
3	0	3	1	6	3	0	3	2	3
4	0	4	2	0	4	0	4	3	0
5	0	5	2	6	5	0	5	3	9
6	0	6	3	0	6	0	6	4	6
7	0	7	3	6	7	0	7	5	3
8	0	8	4	0	8	0	8	6	0
9	0	9	4	6	9	0	9	6	9
10	0	10	5	0	10	0	10	7	6
11	0	11	5	6	11	0	11	8	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	3	1	6	¼	0	3	2	3
½	0	6	3	0	½	0	6	4	6
¾	0	9	4	6	¾	0	9	6	9

Feet long.	13 In. broad.		
	Ft.	In.	Pa.
1	1	1	0
2	2	2	0
3	3	3	0
4	4	4	0
5	5	5	0
6	6	6	0
7	7	7	0
8	8	8	0
9	9	9	0
10	10	10	0
11	11	11	0
12	13	0	0
13	14	1	0
14	15	2	0
15	16	3	0
16	17	4	0
17	18	5	0
18	19	6	0
19	20	7	0
20	21	8	0
21	22	9	0
22	23	10	0
23	24	11	0
24	26	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	1	0
2	0	2	2	0
3	0	3	3	0
4	0	4	4	0
5	0	5	5	0
6	0	6	6	0
7	0	7	7	0
8	0	8	8	0
9	0	9	9	0
10	0	10	10	0
11	0	11	11	0

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	3	3	0
1/2	0	6	6	0
3/4	0	9	9	0

Feet long.	13 ¼ broad.		
	Ft.	In.	Pa.
1	1	1	3
2	2	2	6
3	3	3	9
4	4	5	0
5	5	6	3
6	6	7	6
7	7	8	9
8	8	10	0
9	9	11	3
10	11	0	6
11	12	1	9
12	13	3	0
13	14	4	3
14	15	5	6
15	16	6	9
16	17	8	0
17	18	9	3
18	19	10	6
19	20	11	9
20	22	1	0
21	23	2	3
22	24	3	6
23	25	4	9
24	26	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	1	3
2	0	2	2	6
3	0	3	3	9
4	0	4	5	0
5	0	5	6	3
6	0	6	7	6
7	0	7	8	9
8	0	8	10	0
9	0	9	11	3
10	0	11	0	6
11	1	0	1	9

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	3	3	9
1/2	0	6	7	6
3/4	0	9	11	3

Feet long.	13 ½ broad.			Feet long.	13 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	1	6	1	1	1	9
2	2	3	0	2	2	3	6
3	3	4	6	3	3	5	3
4	4	6	0	4	4	7	0
5	5	7	6	5	5	8	9
6	6	9	0	6	6	10	6
7	7	10	6	7	8	0	3
8	9	0	0	8	9	2	0
9	10	1	6	9	10	3	9
10	11	3	0	10	11	5	6
11	12	4	6	11	12	7	3
12	13	6	0	12	13	9	0
13	14	7	6	13	14	10	9
14	15	9	0	14	16	0	6
15	16	10	6	15	17	2	3
16	18	0	0	16	18	4	0
17	19	1	6	17	19	5	9
18	20	3	0	18	20	7	6
19	21	4	6	19	21	9	3
20	22	6	0	20	22	11	0
21	23	7	6	21	24	0	9
22	24	9	0	22	25	2	6
23	25	10	6	23	26	4	3
24	27	0	0	24	27	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	1	6	1	0	1	1	9
2	0	2	3	0	2	0	2	3	6
3	0	3	4	6	3	0	3	5	3
4	0	4	6	0	4	0	4	7	0
5	0	5	7	6	5	0	5	8	9
6	0	6	9	0	6	0	6	10	6
7	0	7	10	6	7	0	8	0	3
8	0	9	0	0	8	0	9	2	0
9	0	10	1	6	9	0	10	3	9
10	0	11	3	0	10	0	11	5	6
11	1	0	4	6	11	1	0	7	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	3	4	6	1/4	0	3	5	3
1/2	0	6	9	0	1/2	0	6	10	6
3/4	0	10	1	6	3/4	0	10	3	9

Feet long.	14 In. broad.			Feet long.	14 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	2	0	1	1	2	3
2	2	4	0	2	2	4	6
3	3	6	0	3	3	6	9
4	4	8	0	4	4	9	0
5	5	10	0	5	5	11	3
6	7	0	0	6	7	1	6
7	8	2	0	7	8	3	9
8	9	4	0	8	9	6	0
9	10	6	0	9	10	8	3
10	11	8	0	10	11	10	6
11	12	10	0	11	13	0	9
12	14	0	0	12	14	3	0
13	15	2	0	13	15	5	3
14	16	4	0	14	16	7	6
15	17	6	0	15	17	9	9
16	18	8	0	16	19	0	0
17	19	10	0	17	20	2	3
18	21	0	0	18	21	4	6
19	22	2	0	19	22	6	9
20	23	4	0	20	23	9	0
21	24	6	0	21	24	11	3
22	25	8	0	22	26	1	6
23	26	10	0	23	27	3	9
24	28	0	0	24	28	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	2	0	1	0	1	2	3
2	0	2	4	0	2	0	2	4	6
3	0	3	6	0	3	0	3	6	9
4	0	4	8	0	4	0	4	9	0
5	0	5	10	0	5	0	5	11	3
6	0	7	0	0	6	0	7	1	6
7	0	8	2	0	7	0	8	3	9
8	0	9	4	0	8	0	9	6	0
9	0	10	6	0	9	0	10	8	3
10	0	11	8	0	10	0	11	10	6
11	1	0	10	0	11	1	1	0	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	3	6	0	¼	0	3	6	9
½	0	7	0	0	½	0	7	1	6
¾	0	10	6	0	¾	0	10	8	3

Feet long.	14 ½ broad.			Feet long.	14 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	2	6	1	1	2	9
2	2	5	0	2	2	5	6
3	3	7	6	3	3	8	3
4	4	10	0	4	4	11	0
5	6	0	6	5	6	1	9
6	7	3	0	6	7	4	6
7	8	5	6	7	8	7	3
8	9	8	0	8	9	10	0
9	10	10	6	9	11	0	9
10	12	1	0	10	12	3	6
11	13	3	6	11	13	6	3
12	14	6	0	12	14	9	0
13	15	8	6	13	15	11	9
14	16	11	0	14	17	2	6
15	18	1	6	15	18	5	3
16	19	4	0	16	19	8	0
17	20	6	6	17	20	10	9
18	21	9	0	18	22	1	6
19	22	11	6	19	23	4	3
20	24	2	0	20	24	7	0
21	25	4	6	21	25	9	9
22	26	7	0	22	27	0	6
23	27	9	6	23	28	3	3
24	29	0	0	24	29	6	0

Inches long.	Ft.	In.	Pa.	S.	*Inches long.*	Ft.	In	Pa.	S.
1	0	1	2	6	1	0	1	2	9
2	0	2	5	0	2	0	2	5	6
3	0	3	7	6	3	0	3	8	3
4	0	4	10	0	4	0	4	11	0
5	0	6	0	6	5	0	6	1	9
6	0	7	3	0	6	0	7	4	6
7	0	8	5	6	7	0	8	7	3
8	0	9	8	0	8	0	9	10	0
9	0	10	10	6	9	0	11	0	9
10	1	0	1	0	10	1	0	3	6
11	1	1	3	6	11	1	1	6	3

Qrs. In. long.	In.	Pa.	S.	T.	*Qrs. In. long.*	In.	Pa.	S.	T.
¼	0	3	7	6	¼	0	3	8	3
½	0	7	3	0	½	0	7	4	6
¾	0	10	10	6	¾	0	11	0	9

Feet long.	15 In. broad.			Feet long.	15 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	3	0	1	1	3	3
2	2	6	0	2	2	6	6
3	3	9	0	3	3	9	9
4	5	0	0	4	5	1	0
5	6	3	0	5	6	4	3
6	7	6	0	6	7	7	6
7	8	9	0	7	8	10	9
8	10	0	0	8	10	2	0
9	11	3	0	9	11	5	3
10	12	6	0	10	12	8	6
11	13	9	0	11	13	11	9
12	15	0	0	12	15	3	0
13	16	3	0	13	16	6	3
14	17	6	0	14	17	9	6
15	18	9	0	15	19	0	9
16	20	0	0	16	20	4	0
17	21	3	0	17	21	7	3
18	22	6	0	18	22	10	6
19	23	9	0	19	24	1	9
20	25	0	0	20	25	5	0
21	26	3	0	21	26	8	3
22	27	6	0	22	27	11	6
23	28	9	0	23	29	2	9
24	30	0	0	24	30	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	3	0	1	0	1	3	3
2	0	2	6	0	2	0	2	6	6
3	0	3	9	0	3	0	3	9	9
4	0	5	0	0	4	0	5	1	0
5	0	6	3	0	5	0	6	4	3
6	0	7	6	0	6	0	7	7	6
7	0	8	9	0	7	0	8	10	9
8	0	10	0	0	8	0	10	2	0
9	0	11	3	0	9	0	11	5	3
10	1	0	6	0	10	1	0	8	6
11	1	1	9	0	11	1	1	11	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	3	9	0	¼	0	3	9	9
½	0	7	6	0	½	0	7	7	6
¾	0	11	3	0	¾	0	11	5	3

Feet long.	15 ½ broad.			Feet long.	15 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	3	6	1	1	3	9
2	2	7	0	2	2	7	6
3	3	10	6	3	3	11	3
4	5	2	0	4	5	3	0
5	6	5	6	5	6	6	9
6	7	9	0	6	7	10	6
7	9	0	6	7	9	2	3
8	10	4	0	8	10	6	0
9	11	7	6	9	11	9	9
10	12	11	0	10	13	1	6
11	14	2	6	11	14	5	3
12	15	6	0	12	15	9	0
13	16	9	6	13	17	0	9
14	18	1	0	14	18	4	6
15	19	4	6	15	19	8	3
16	20	8	0	16	21	0	0
17	21	11	6	17	22	3	9
18	23	3	0	18	23	7	6
19	24	6	6	19	24	11	3
20	25	10	0	20	26	3	0
21	27	1	6	21	27	6	9
22	28	5	0	22	28	10	6
23	29	8	6	23	30	2	3
24	31	0	0	24	31	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	3	6	1	0	1	3	9
2	0	2	7	0	2	0	2	7	6
3	0	3	10	6	3	0	3	11	3
4	0	5	2	0	4	0	5	3	0
5	0	6	5	6	5	0	6	6	9
6	0	7	9	0	6	0	7	10	6
7	0	9	0	6	7	0	9	2	3
8	0	10	4	0	8	0	10	6	0
9	0	11	7	6	9	0	11	9	9
10	1	0	11	0	10	1	1	1	6
11	1	2	2	6	11	1	2	5	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	3	10	6	¼	0	3	11	3
½	0	7	9	0	½	0	7	10	6
¾	0	11	7	6	¾	0	11	9	9

Feet long.	16 In. broad. Ft.	In.	Pa.	Feet long.	16 ¼ broad. Ft.	In.	Pa.
1	1	4	0	1	1	4	3
2	2	8	0	2	2	8	6
3	4	0	0	3	4	0	9
4	5	4	0	4	5	5	0
5	6	8	0	5	6	9	3
6	8	0	0	6	8	1	6
7	9	4	0	7	9	5	9
8	10	8	0	8	10	10	0
9	12	0	0	9	12	2	3
10	13	4	0	10	13	6	6
11	14	8	0	11	14	10	9
12	16	0	0	12	16	3	0
13	17	4	0	13	17	7	3
14	18	8	0	14	18	11	6
15	20	0	0	15	20	3	9
16	21	4	0	16	21	8	0
17	22	8	0	17	23	0	3
18	24	0	0	18	24	4	6
19	25	4	0	19	25	8	9
20	26	8	0	20	27	1	0
21	28	0	0	21	28	5	3
22	29	4	0	22	29	9	6
23	30	8	0	23	31	1	9
24	32	0	0	24	32	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	4	0	1	0	1	4	3
2	0	2	8	0	2	0	2	8	6
3	0	4	0	0	3	0	4	0	9
4	0	5	4	0	4	0	5	5	0
5	0	6	8	0	5	0	6	9	3
6	0	8	0	0	6	0	8	1	6
7	0	9	4	0	7	0	9	5	9
8	0	10	8	0	8	0	10	10	0
9	1	0	0	0	9	1	0	2	3
10	1	1	4	0	10	1	1	6	6
11	1	2	8	0	11	1	2	10	9

Qrs. In. long.	In	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	4	0	0	¼	0	4	0	9
2/4	0	8	0	0	2/4	0	8	1	6
3/4	1	0	0	0	3/4	1	0	2	3

Feet long.	16 ½ broad.			Feet long.	16 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	4	6	1	1	4	9
2	2	9	0	2	2	9	6
3	4	1	6	3	4	2	3
4	5	6	0	4	5	7	0
5	6	10	6	5	6	11	9
6	8	3	0	6	8	4	6
7	9	7	6	7	9	9	3
8	11	0	0	8	11	2	0
9	12	4	6	9	12	6	9
10	13	9	0	10	13	11	6
11	15	1	6	11	15	4	3
12	16	6	0	12	16	9	0
13	17	10	6	13	18	1	9
14	19	3	6	14	19	6	6
15	20	7	6	15	20	11	3
16	22	0	0	16	22	4	0
17	23	4	6	17	23	8	9
18	24	9	0	18	25	1	6
19	26	1	6	19	26	6	3
20	27	6	0	20	27	11	0
21	28	10	6	21	29	3	9
22	30	3	0	22	30	8	6
23	31	7	6	23	32	1	3
24	33	0	0	24	33	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	4	6	1	0	1	4	9
2	0	2	9	0	2	0	2	9	6
3	0	4	1	6	3	0	4	2	3
4	0	5	6	0	4	0	5	7	0
5	0	6	10	6	5	0	6	11	9
6	0	8	3	0	6	0	8	4	6
7	0	9	7	6	7	0	9	9	3
8	0	11	0	0	8	0	11	2	0
9	1	0	4	6	9	1	0	6	9
10	1	1	9	0	10	1	1	11	6
11	1	3	1	6	11	1	3	4	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	4	1	6	¼	0	4	2	3
½	0	8	3	0	½	0	8	4	6
¾	1	0	4	6	¾	1	0	6	9

X

17 In. broad.

Feet long.	Ft.	In.	Pa.
1	1	5	0
2	2	10	0
3	4	3	0
4	5	8	0
5	7	1	0
6	8	6	0
7	9	11	0
8	11	4	0
9	12	9	0
10	14	2	0
11	15	7	0
12	17	0	0
13	18	5	0
14	19	10	0
15	21	3	0
16	22	8	0
17	24	1	0
18	25	6	0
19	26	11	0
20	28	4	0
21	29	9	0
22	31	2	0
23	32	7	0
24	34	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	5	0
2	0	2	10	0
3	0	4	3	0
4	0	5	8	0
5	0	7	1	0
6	0	8	6	0
7	0	9	11	0
8	0	11	4	0
9	1	0	9	0
10	1	2	2	0
11	1	3	7	0

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	4	3	0
1/2	0	8	6	0
3/4	1	0	9	0

17 ¼ broad.

Feet long.	Ft.	In.	Pa.
1	1	5	3
2	2	10	6
3	4	3	9
4	5	9	0
5	7	2	3
6	8	7	6
7	10	0	9
8	11	6	0
9	12	11	3
10	14	4	6
11	15	9	9
12	17	3	0
13	18	8	3
14	20	1	6
15	21	6	9
16	23	0	0
17	24	5	3
18	25	10	6
19	27	3	9
20	28	9	0
21	30	2	3
22	31	7	6
23	33	0	9
24	34	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	5	3
2	0	2	10	6
3	0	4	3	9
4	0	5	9	0
5	0	7	2	3
6	0	8	7	6
7	0	10	0	9
8	0	11	6	0
9	1	0	11	3
10	1	2	4	6
11	1	3	9	9

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	4	3	9
1/2	0	8	7	6
3/4	1	0	11	3

Feet long.	17 ½ broad.			Feet long.	17 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	5	6	1	1	5	9
2	2	11	0	2	2	11	6
3	4	4	6	3	4	5	3
4	5	10	0	4	5	11	0
5	7	3	6	5	7	4	9
6	8	9	0	6	8	10	6
7	10	2	6	7	10	4	3
8	11	8	0	8	11	10	0
9	13	1	6	9	13	3	9
10	14	7	0	10	14	9	6
11	16	0	6	11	16	3	3
12	17	6	0	12	17	9	0
13	18	11	6	13	19	2	9
14	20	5	0	14	20	8	6
15	21	10	6	15	22	2	3
16	23	4	0	16	23	8	0
17	24	9	6	17	25	1	9
18	26	3	0	18	26	7	6
19	27	8	6	19	28	1	3
20	29	2	0	20	29	7	0
21	30	7	6	21	31	0	9
22	32	1	0	22	32	6	6
23	33	6	6	23	34	0	3
24	35	0	0	24	35	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	5	6	1	0	1	5	9
2	0	2	11	0	2	0	2	11	6
3	0	4	4	6	3	0	4	5	3
4	0	5	10	0	4	0	5	11	0
5	0	7	3	6	5	0	7	4	9
6	0	8	9	0	6	0	8	10	6
7	0	10	2	6	7	0	10	4	3
8	0	11	8	0	8	0	11	10	0
9	1	1	1	6	9	1	1	3	9
10	1	2	7	0	10	1	2	9	6
11	1	4	0	6	11	1	4	3	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	4	4	6	1/4	0	4	5	3
1/2	0	8	9	0	1/2	0	8	10	6
3/4	1	1	1	6	3/4	1	1	3	9

X 2

Feet long.	18 In. broad.		
	Ft.	In.	Pa.
1	1	6	0
2	3	0	0
3	4	6	0
4	6	0	0
5	7	6	0
6	9	0	0
7	10	6	0
8	12	0	0
9	13	6	0
10	15	0	0
11	16	6	0
12	18	0	0
13	19	6	0
14	21	0	0
15	22	6	0
16	24	0	0
17	25	6	0
18	27	0	0
19	28	6	0
20	30	0	0
21	31	6	0
22	33	0	0
23	34	6	0
24	36	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	6	0
2	0	3	0	0
3	0	4	6	0
4	0	6	0	0
5	0	7	6	0
6	0	9	0	0
7	0	10	6	0
8	1	0	0	0
9	1	1	6	0
10	1	3	0	0
11	1	4	6	0

Qrs. In. long.	In.	Pa.	S.	T.
¼	0	4	6	0
½	0	9	0	0
¾	1	1	6	0

Feet long.	18 ¼ broad.		
	Ft.	In.	Pa.
1	1	6	3
2	3	0	6
3	4	6	9
4	6	1	0
5	7	7	3
6	9	1	6
7	10	7	9
8	12	2	0
9	13	8	3
10	15	2	6
11	16	8	9
12	18	3	0
13	19	9	3
14	21	3	6
15	22	9	9
16	24	4	0
17	25	10	3
18	27	4	6
19	28	10	9
20	30	5	0
21	31	11	3
22	33	5	6
23	34	11	9
24	36	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	6	3
2	0	3	0	6
3	0	4	6	9
4	0	6	1	0
5	0	7	7	3
6	0	9	1	6
7	0	10	7	9
8	1	0	2	0
9	1	1	8	3
10	1	3	2	6
11	1	4	8	9

Qrs. In. long.	In.	Pa.	S.	T.
¼	0	4	6	9
½	0	9	1	6
¾	1	1	8	3

Feet long.	18 ½ broad.			Feet long.	18 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	6	6	1	1	6	9
2	3	1	0	2	3	1	6
3	4	7	6	3	4	8	3
4	6	2	0	4	6	3	0
5	7	8	6	5	7	9	9
6	9	3	0	6	9	4	6
7	10	9	6	7	10	11	3
8	12	4	0	8	12	6	0
9	13	10	6	9	14	0	9
10	15	5	0	10	15	7	6
11	16	11	6	11	17	2	3
12	18	6	0	12	18	9	0
13	20	0	6	13	20	3	9
14	21	7	0	14	21	10	6
15	23	1	6	15	23	5	3
16	24	8	0	16	25	0	0
17	26	2	6	17	26	6	9
18	27	9	0	18	28	1	6
19	29	3	6	19	29	8	3
20	30	10	0	20	31	3	0
21	32	4	6	21	32	9	9
22	33	11	0	22	34	4	6
23	35	5	6	23	35	11	3
24	37	0	0	24	37	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	6	6	1	0	1	6	9
2	0	3	1	0	2	0	3	1	6
3	0	4	7	6	3	0	4	8	3
4	0	6	2	0	4	0	6	3	0
5	0	7	8	6	5	0	7	9	9
6	0	9	3	0	6	0	9	4	6
7	0	10	9	6	7	0	10	11	3
8	1	0	4	0	8	1	0	6	0
9	1	1	10	6	9	1	2	0	9
10	1	3	5	0	10	1	3	7	6
11	1	4	11	6	11	1	5	2	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	4	7	6	¼	0	4	8	3
½	0	9	3	0	½	0	9	4	6
¾	1	1	10	6	¾	1	2	0	9

Feet long.	19 In. broad. Ft.	In.	Pa.
1	1	7	0
2	3	2	0
3	4	9	0
4	6	4	0
5	7	11	0
6	9	6	0
7	11	1	0
8	12	8	0
9	14	3	0
10	15	10	0
11	17	5	0
12	19	0	0
13	20	7	0
14	22	2	0
15	23	9	0
16	25	4	0
17	26	11	0
18	28	6	0
19	30	1	0
20	31	8	0
21	33	3	0
22	34	10	0
23	36	5	0
24	38	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	7	0
2	0	3	2	0
3	0	4	9	0
4	0	6	4	0
5	0	7	11	0
6	0	9	6	0
7	0	11	1	0
8	1	0	8	0
9	1	2	3	0
10	1	3	10	0
11	1	5	5	0

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	4	9	0
1/2	0	9	6	0
3/4	1	2	3	0

Feet long.	19 ¼ broad. Ft.	In.	Pa.
1	1	7	3
2	3	2	6
3	4	9	9
4	6	5	0
5	8	0	3
6	9	7	6
7	11	2	9
8	12	10	0
9	14	5	3
10	16	0	6
11	17	7	9
12	19	3	0
13	20	10	3
14	22	5	6
15	24	0	9
16	25	8	0
17	27	3	3
18	28	10	6
19	30	5	9
20	32	1	0
21	33	8	3
22	35	3	6
23	36	10	9
24	38	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	7	3
2	0	3	2	6
3	0	4	9	9
4	0	6	5	0
5	0	8	0	3
6	0	9	7	6
7	0	11	2	9
8	1	0	10	0
9	1	2	5	3
10	1	4	0	6
11	1	5	7	9

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	4	9	9
1/2	0	9	7	6
3/4	1	2	5	3

Feet long.	19 ½ broad.			Feet long.	19 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	7	6	1	1	7	9
2	3	3	0	2	3	3	6
3	4	10	6	3	4	11	3
4	6	6	0	4	6	7	0
5	8	1	6	5	8	2	9
6	9	9	0	6	9	10	6
7	11	4	6	7	11	6	3
8	13	0	0	8	13	2	0
9	14	7	6	9	14	9	9
10	16	3	0	10	16	5	6
11	17	10	6	11	18	1	3
12	19	6	0	12	19	9	0
13	21	1	6	13	21	4	9
14	22	9	0	14	23	0	6
15	24	4	6	15	24	8	3
16	26	0	0	16	26	4	0
17	27	7	6	17	27	11	9
18	29	3	0	18	29	7	6
19	30	10	6	19	31	3	3
20	32	6	0	20	32	11	0
21	34	1	6	21	34	6	9
22	35	9	0	22	36	2	6
23	37	4	6	23	37	10	3
24	39	0	0	24	39	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	7	6	1	0	1	7	9
2	0	3	3	0	2	0	3	3	6
3	0	4	10	6	3	0	4	11	3
4	0	6	6	0	4	0	6	7	0
5	0	8	1	6	5	0	8	2	9
6	0	9	9	0	6	0	9	10	6
7	0	11	4	6	7	0	11	6	3
8	1	1	0	0	8	1	1	2	0
9	1	2	7	6	9	1	2	9	9
10	1	4	3	0	10	1	4	5	6
11	1	5	10	6	11	1	6	1	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	4	10	6	1/4	0	4	11	3
1/2	0	9	9	0	1/2	0	9	10	6
3/4	1	2	7	6	3/4	1	2	9	9

Feet long.	20 In. broad. Ft.	In.	Pa.	Feet long.	20 ¼ broad. Ft.	In.	Pa.
1	1	8	0	1	1	8	3
2	3	4	0	2	3	4	6
3	5	0	0	3	5	0	9
4	6	8	0	4	6	9	0
5	8	4	0	5	8	5	3
6	10	0	0	6	10	1	6
7	11	8	0	7	11	9	9
8	13	4	0	8	13	6	0
9	15	0	0	9	15	2	3
10	16	8	0	10	16	10	6
11	18	4	0	11	18	6	9
12	20	0	0	12	20	3	0
13	21	8	0	13	21	11	3
14	23	4	0	14	23	7	6
15	25	0	0	15	25	3	9
16	26	8	0	16	27	0	0
17	28	4	0	17	28	8	3
18	30	0	0	18	30	4	6
19	31	8	0	19	32	0	9
20	33	4	0	20	33	9	0
21	35	0	0	21	35	5	3
22	36	8	0	22	37	1	6
23	38	4	0	23	38	9	9
24	40	0	0	24	40	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	8	0	1	0	1	8	3
2	0	3	4	0	2	0	3	4	6
3	0	5	0	0	3	0	5	0	9
4	0	6	8	0	4	0	6	9	0
5	0	8	4	0	5	0	8	5	3
6	0	10	0	0	6	0	10	1	6
7	0	11	8	0	7	0	11	9	9
8	1	1	4	0	8	1	1	6	0
9	1	3	0	0	9	1	3	2	3
10	1	4	8	0	10	1	4	10	6
11	1	6	4	0	11	1	6	6	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	5	0	0	¼	0	5	0	9
½	0	10	0	0	½	0	10	1	6
¾	1	3	0	0	¾	1	3	2	3

Feet long.	20 ½ broad.			Feet long.	20 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	8	6	1	1	8	9
2	3	5	0	2	3	5	6
3	5	1	6	3	5	2	3
4	6	10	0	4	6	11	0
5	8	6	6	5	8	7	9
6	10	3	0	6	10	4	6
7	11	11	6	7	12	1	3
8	13	8	0	8	13	10	0
9	15	4	6	9	15	6	9
10	17	1	0	10	17	3	6
11	18	9	6	11	19	0	3
12	20	6	0	12	20	9	0
13	22	2	6	13	22	5	9
14	23	11	0	14	24	2	6
15	25	7	6	15	25	11	3
16	27	4	0	16	27	8	0
17	29	0	6	17	29	4	9
18	30	9	0	18	31	1	6
19	32	5	6	19	32	10	3
20	34	2	0	20	34	7	0
21	35	10	6	21	36	3	9
22	37	7	0	22	38	0	6
23	39	3	6	23	39	9	3
24	41	0	0	24	41	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	8	6	1	0	1	8	9
2	0	3	5	0	2	0	3	5	6
3	0	5	1	6	3	0	5	2	3
4	0	6	10	0	4	0	6	11	0
5	0	8	6	6	5	0	8	7	9
6	0	10	3	0	6	0	10	4	6
7	0	11	11	6	7	1	0	1	3
8	1	1	8	0	8	1	1	10	0
9	1	3	4	6	9	1	3	6	9
10	1	5	1	0	10	1	5	3	6
11	1	6	9	6	11	1	7	0	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	5	1	6	¼	0	5	2	3
½	0	10	3	0	½	0	10	4	6
¾	1	3	4	6	¾	1	3	6	9

Feet long.	21 In. broad.			Feet long.	21 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	9	0	1	1	9	3
2	3	6	0	2	3	6	6
3	5	3	0	3	5	3	9
4	7	0	0	4	7	1	0
5	8	9	0	5	8	10	3
6	10	6	0	6	10	7	6
7	12	3	0	7	12	4	9
8	14	0	0	8	14	2	0
9	15	9	0	9	15	11	3
10	17	6	0	10	17	8	6
11	19	3	0	11	19	5	9
12	21	0	0	12	21	3	0
13	22	9	0	13	23	0	3
14	24	6	0	14	24	9	6
15	26	3	0	15	26	6	9
16	28	0	0	16	28	4	0
17	29	9	0	17	30	1	3
18	31	6	0	18	31	10	6
19	33	3	0	19	33	7	9
20	35	0	0	20	35	5	0
21	36	9	0	21	37	2	3
22	38	6	0	22	38	11	6
23	40	3	0	23	40	8	9
24	42	0	0	24	42	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	9	0	1	0	1	9	3
2	0	3	6	0	2	0	3	6	6
3	0	5	3	0	3	0	5	3	9
4	0	7	0	0	4	0	7	1	0
5	0	8	9	0	5	0	8	10	3
6	0	10	6	0	6	0	10	7	6
7	1	0	3	0	7	1	0	4	9
8	1	2	0	0	8	1	2	2	0
9	1	3	9	0	9	1	3	11	3
10	1	5	6	0	10	1	5	8	6
11	1	7	3	0	11	1	7	5	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
¼	0	5	3	0	¼	0	5	3	9
½	0	10	6	0	½	0	10	7	6
¾	1	3	9	0	¾	1	3	11	3

Feet long.	21 ½ broad.			Feet long.	21 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	9	6	1	1	9	9
2	3	7	0	2	3	7	6
3	5	4	6	3	5	5	3
4	7	2	0	4	7	3	0
5	8	11	6	5	9	0	9
6	10	9	0	6	10	10	6
7	12	6	6	7	12	8	3
8	14	4	0	8	14	6	0
9	16	1	6	9	16	3	9
10	17	11	0	10	18	1	6
11	19	8	6	11	19	11	3
12	21	6	0	12	21	9	0
13	23	3	6	13	23	6	9
14	25	1	0	14	25	4	6
15	26	10	6	15	27	2	3
16	28	8	0	16	29	0	0
17	30	5	6	17	30	9	9
18	32	3	0	18	32	7	6
19	34	0	6	19	34	5	3
20	35	10	0	20	36	3	0
21	37	7	6	21	38	0	9
22	39	5	0	22	39	10	6
23	41	2	6	23	41	8	3
24	43	0	0	24	43	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	9	6	1	0	1	9	9
2	0	3	7	0	2	0	3	7	6
3	0	5	4	6	3	0	5	5	3
4	0	7	2	0	4	0	7	3	0
5	0	8	11	6	5	0	9	0	9
6	0	10	9	0	6	0	10	10	6
7	1	0	6	6	7	1	0	8	3
8	1	2	4	0	8	1	2	6	0
9	1	4	1	6	9	1	4	3	9
10	1	5	11	0	10	1	6	1	6
11	1	7	8	6	11	1	7	11	3

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S	T.
1	0	5	4	6	1	0	5	5	3
2	0	10	9	0	2	0	10	10	6
3	1	4	1	6	3	1	4	3	0

Y 2

Feet long.	22 In. broad.			Feet long.	22 ¼ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	1	10	0	1	1	10	3
2	3	8	0	2	3	8	6
3	5	6	0	3	5	6	9
4	7	4	0	4	7	5	0
5	9	2	0	5	9	3	3
6	11	0	0	6	11	1	6
7	12	10	0	7	12	11	9
8	14	8	0	8	14	10	0
9	16	6	0	9	16	8	3
10	18	4	0	10	18	6	6
11	20	2	0	11	20	4	9
12	22	0	0	12	22	3	0
13	23	10	0	13	24	1	3
14	25	8	0	14	25	11	6
15	27	6	0	15	27	9	9
16	29	4	0	16	29	8	0
17	31	2	0	17	31	6	3
18	33	0	0	18	33	4	6
19	34	10	0	19	35	2	9
20	36	8	0	20	37	1	0
21	38	6	0	21	38	11	3
22	40	4	0	22	40	9	6
23	42	2	0	23	42	7	9
24	44	0	0	24	44	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	10	0	1	0	1	10	3
2	0	3	8	0	2	0	3	8	6
3	0	5	6	0	3	0	5	6	9
4	0	7	4	0	4	0	7	5	0
5	0	9	2	0	5	0	9	3	3
6	0	11	0	0	6	0	11	1	6
7	1	0	10	0	7	1	0	11	9
8	1	2	8	0	8	1	2	10	0
9	1	4	6	0	9	1	4	8	3
10	1	6	4	0	10	1	6	6	6
11	1	8	2	0	11	1	8	4	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
	0	5	6	0		0	5	6	9
	0	11	0	0		0	11	1	6
	1	4	6	0		1	4	8	3

Feet long.	22½ broad.			Feet long.	22¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	10	6	1	1	10	9
2	3	9	0	2	3	9	6
3	5	7	6	3	5	8	3
4	7	6	0	4	7	7	0
5	9	4	6	5	9	5	9
6	11	3	0	6	11	4	6
7	13	1	6	7	13	3	3
8	15	0	0	8	15	2	0
9	16	10	6	9	17	0	9
10	18	9	0	10	18	11	6
11	20	7	6	11	20	10	3
12	22	6	0	12	22	9	0
13	24	4	6	13	24	7	9
14	26	3	0	14	26	6	6
15	28	1	6	15	28	5	3
16	30	0	0	16	30	4	0
17	31	10	6	17	32	2	9
18	33	9	0	18	34	1	6
19	35	7	6	19	36	0	3
20	37	6	0	20	37	11	0
21	39	4	6	21	39	9	9
22	41	3	0	22	41	8	6
23	43	1	6	23	43	7	3
24	45	0	0	24	45	6	0

Inches long.	Ft.	In.	Pa.	S	Inches long.	Ft.	In.	Pa.	S
1	0	1	10	6	1	0	1	10	9
2	0	3	9	0	2	0	3	9	6
3	0	5	7	6	3	0	5	8	3
4	0	7	6	0	4	0	7	7	0
5	0	9	4	6	5	0	9	5	9
6	0	11	3	0	6	0	11	4	6
7	1	1	1	6	7	1	1	3	3
8	1	3	0	0	8	1	3	2	0
9	1	4	10	6	9	1	5	0	9
10	1	6	9	0	10	1	6	11	6
11	1	8	7	6	11	1	8	10	3

Qrs. In. long.	In.	Pa.	S.	T	Qrs. In. long.	In.	Pa.	S.	T
¼	0	5	7	6	¼	0	5	8	3
½	0	11	3	0	½	0	11	4	6
¾	1	4	10	6	¾	1	5	0	9

Feet long.	23 In. broad.			Feet long.	23 ¼ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	11	0	1	1	11	3
2	3	10	0	2	3	10	6
3	5	9	0	3	5	9	9
4	7	8	0	4	7	9	0
5	9	7	0	5	9	8	3
6	11	6	0	6	11	7	6
7	13	5	0	7	13	6	9
8	15	4	0	8	15	6	0
9	17	3	0	9	17	5	3
10	19	2	0	10	19	4	6
11	21	1	0	11	21	3	9
12	23	0	0	12	23	3	0
13	24	11	0	13	25	2	3
14	26	10	0	14	27	1	6
15	28	9	0	15	29	0	9
16	30	8	0	16	31	0	0
17	32	7	0	17	32	11	3
18	34	6	0	18	34	10	6
19	36	5	0	19	36	9	9
20	38	4	0	20	38	9	0
21	40	3	0	21	40	8	3
22	42	2	0	22	42	7	6
23	44	1	0	23	44	6	9
24	46	0	0	24	46	6	0

Inches long.	Ft.	In.	Pa.	S.	Inches long.	Ft.	In.	Pa.	S.
1	0	1	11	0	1	0	1	11	3
2	0	3	10	0	2	0	3	10	6
3	0	5	9	0	3	0	5	9	9
4	0	7	8	0	4	0	7	9	0
5	0	9	7	0	5	0	9	8	3
6	0	11	6	0	6	0	11	7	6
7	1	1	5	0	7	1	1	6	9
8	1	3	4	0	8	1	3	6	0
9	1	5	3	0	9	1	5	5	3
10	1	7	2	0	10	1	7	4	6
11	1	9	1	0	11	1	9	3	9

Qrs. In. long.	In.	Pa.	S.	T.	Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	5	9	0	1/4	0	5	9	9
1/2	0	11	6	0	1/2	0	11	7	6
3/4	1	5	3	0	3/4	1	5	5	3

23 ½ broad.

Feet long.	Ft.	In.	Pa.
1	1	11	6
2	3	11	0
3	5	10	6
4	7	10	0
5	9	9	6
6	11	9	0
7	13	8	6
8	15	8	0
9	17	7	6
10	19	7	0
11	21	6	6
12	23	6	0
13	25	5	6
14	27	5	0
15	29	4	6
16	31	4	0
17	33	3	6
18	35	3	0
19	37	2	6
20	39	2	0
21	41	1	6
22	43	1	0
23	45	0	6
24	47	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	11	6
2	0	3	11	0
3	0	5	10	6
4	0	7	10	0
5	0	9	9	6
6	0	11	9	0
7	1	1	8	6
8	1	3	8	0
9	1	5	7	6
10	1	7	7	0
11	1	9	6	6

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	5	10	6
2/4	0	11	9	0
3/4	1	5	7	6

23 ¾ broad.

Feet long.	Ft.	In.	Pa.
1	1	11	9
2	3	11	6
3	5	11	3
4	7	11	0
5	9	10	9
6	11	10	6
7	13	10	3
8	15	10	0
9	17	9	9
10	19	9	6
11	21	9	3
12	23	9	0
13	25	8	9
14	27	8	6
15	29	8	3
16	31	8	0
17	33	7	9
18	35	7	6
19	37	7	3
20	39	7	0
21	41	6	9
22	43	6	6
23	45	6	3
24	47	6	0

Inches long.	Ft.	In.	Pa.	S.
1	0	1	11	9
2	0	3	11	6
3	0	5	11	3
4	0	7	11	0
5	0	9	10	9
6	0	11	10	6
7	1	1	10	3
8	1	3	10	0
9	1	5	9	9
10	1	7	9	6
11	1	9	9	3

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	5	11	3
2/4	0	11	10	6
3/4	1	5	9	9

Feet long.	24 In. broad. Ft.	In.	Pa.
1	2	0	0
2	4	0	0
3	6	0	0
4	8	0	0
5	10	0	0
6	12	0	0
7	14	0	0
8	16	0	0
9	18	0	0
10	20	0	0
11	22	0	0
12	24	0	0
13	26	0	0
14	28	0	0
15	30	0	0
16	32	0	0
17	34	0	0
18	36	0	0
19	38	0	0
20	40	0	0
21	42	0	0
22	44	0	0
23	46	0	0
24	48	0	0

Inches long.	Ft.	In.	Pa.	S.
1	0	2	0	0
2	0	4	0	0
3	0	6	0	0
4	0	8	0	0
5	0	10	0	0
6	1	0	0	0
7	1	2	0	0
8	1	4	0	0
9	1	6	0	0
10	1	8	0	0
11	1	10	0	0

Qrs. In. long.	In.	Pa.	S.	T.
1/4	0	6	0	0
1/2	1	0	0	0
3/4	1	6	0	0

OF THE
PRICES
AND
WEIGHT
OF
NAILS.

AS I know of no Materials relating to
building, in which so great *Abuses*
and *Impositions* constantly occur, as in the
Article of *Nails*; I shall be very particular,
in my Directions concerning them in Hopes
of preventing such Practices for the future.

Nails are of many *Sorts*, and of several
of *those Sorts* there are a great Variety.

N. B. *The* Wholesale-Dealers *in Nails, have
found it necessary to distinguish them into* GENE-
RAL *and* SPECIAL : *But first, of what they
understand by* General *Nails*.

Under the *General* Sorts of Nails,
they comprehend, 1. *Brads*; 2. *Hobbs*;
and 3. *Nails*.

1. BRADS ; *viz. Bill* Brads, *Plain*-
Brads, and *Gunner*-Brads.

2. HOBBS ; *viz. Clasp*-Hobbs, *Dye*-
Hobbs, *Rose*-Hobbs, *Skidder*-Hobbs,
and *Thick*-Hobbs.

3. NAILS ; *viz. Deck*-Nails, *Flat*-
Head-Nails, *Flat-Point* Nails, *Drawe*-
Nails, *Lead*-Nails, *Rose*-Nails, *Scup*-
per-Nails, *Sharp* Nails, *Middle*-Nails,
Square-Nails, *Prigg*-Nails, *Spike*-Nails,
and *Weight*-Nails.

N. B. *The above, which are known by the Name
of* General *Nails, are sold by the* Thousand, *and
including them all, the Price is from* 8 d. *to* 12 s.
per Thousand, *and the Weight from* 2 oz. $\frac{1}{4}$, *to*
40 lb. *per* Thousand.

Note, *A* Thousand *of Nails is* 1200, *there be-
ing* 120 *to the Hundred*.

☞ If you would understand how to buy Nails of
any of the above *Sorts* (for there are of several *Sizes*
and *Prices* of each *Sort)* you must observe the fol-
lowing TABLE.

Z

The USE

Of the following TABLE.

Having the Price, *to find the* Weight.

EXAMPLE I.

If a Thousand *of* Rose-*Nails, cost*
2 *s.* 3 *d. how much ought they to weigh?*
Look in the Table for 2 *s.* 3 *d.* the
Price, and against it is 5 *lb.* 4 *oz.* and
so much a *Thousand* of *Rose*-Nails
(which cost 2 *s.* 3 *s.*) ought to weigh.

EXAMPLE II.

If a Thousand *of* Rose-*Nails cost*
12 *s. how much ought they to weigh?*
Look in the Table for 12 *s.* the *Pr.*
and against it is 40 *lb.* and that is the
Weight of *a* Thousand of *Rose*-Nails,
which cost 12 *s.*

Having the Weight *to find the* Price.

EXAMPLE I.

What is the Price *or* Value *of a*
Thousand *of* Sharp-*Nails that weigh*
2 *lb.* 8 *oz?*
Look in the Table for 2 *lb.* 8 *oz.*
the *Weight*, and against it stands 1 *s.*
4 *d.* $\frac{1}{2}$, and that is the *Price* of *a* Thous.
of *Sharp*-Nails, which weigh 2 *lb.* 8 *oz.*

EXAMPLE II.

What ought I to pay for a Thousand
of Sharp-Nails, *that weigh* 36 *lb.*
Look in the Table for 36 *lb.* the
Weight, and against it stands 11 *s.* and
that is what I ought to pay for them.
And so you may find either the
Weight or *Value* of any other of the
General Sorts of Nails; and the same
Method is to be observed for finding
the *Weight* or *Value* of any of the *Spe-
cial* Sorts of Nails.

The TABLE *of the* Prices *and* Weight *of the* GENERAL *Sorts of* Nails, *viz.* Brads, *Hobbs,* Nails.

1. BRADS; *viz.* Bill-Brads, *Plain-*Brads, *and* Gunner-Brads.

2. HOBBS; *viz. Clasp-*Hobbs, *Dye-*Hobbs, *Rose-*Hobbs, *Skidder-*Hobbs, *and Thick-*Hobbs.

3. NAILS; *viz. Deck-*Nails, *Flat-head-*Nails, *Flat-point-*Nails, *Drawe-*Nails, *Lead-*Nails, *Rose-*Nails, *Scupper-*Nails, *Sharp-*Nails, *Middle-*Nails, *Square-*Nails, *Prigg-*Nails, *Spike-*Nails, *and Weight-*Nails.

Price per *Thous.*		Should weigh per *Thous.*		Price per *Thous.*		Should weigh per *Thous.*	
s.	d.	lb.	oz.	s.	d.	lb.	oz.
0	$7\frac{3}{4}$	0	$2\frac{1}{4}$	2	8	6	8
0	8	0	5	2	$8\frac{1}{2}$	6	12
0	$8\frac{1}{4}$	0	6	2	9	7	0
0	9	0	8	2	$10\frac{1}{2}$	7	8
0	$9\frac{1}{4}$	0	9	3	0	8	0
0	$9\frac{1}{2}$	0	10	3	3	9	0
0	$10\frac{1}{2}$	0	14	3	7	10	0
0	$10\frac{3}{4}$	0	15	3	10	11	0
0	11	1	0	4	1	12	0
1	$0\frac{1}{2}$	1	6	4	6	13	0
1	1	1	8	4	9	14	0
1	$1\frac{1}{2}$	1	12	5	0	15	0
1	2	1	14	5	3	16	0
1	$2\frac{1}{2}$	2	0	5	6	17	0
1	$4\frac{1}{2}$	2	8	5	10	18	0
1	6	2	12	6	2	19	0
1	$6\frac{1}{2}$	2	14	6	5	20	0
1	7	3	0	6	8	21	0
1	$8\frac{1}{2}$	3	8	6	10	22	0
1	$9\frac{1}{2}$	3	12	7	3	23	0
1	10	4	0	7	6	24	0
1	11	4	4	8	2	26	0
2	0	4	8	8	10	28	0
2	1	4	12	9	2	30	0
2	$2\frac{1}{2}$	5	0	9	6	32	0
2	3	5	4	11	0	36	0
2	4	5	8	12	0	40	0
2	6	6	0				

NAILS.

Flat-Pointed, Strong, or *Draw'd.*

The Name.	Price per Ct. Wt.	The Name.	Price per Ct. Wt.
s. d.	l. s. d.	s. d.	l. s. d.
2 0	1 11 0	4 0	1 9 0
2 6	1 10 0	5 0	1 9 0
3 4	1 9 0	6 0	1 9 0

WEIGHT-NAILS,

Are 28 *s.* per *Hundred Weight.*

Here ends those Nails which are known by *General Sorts of Nails.*

The TABLE of the Prices, and Weight of the SPECIAL Sorts of Nails.

Batten-BRADS.

Price per Thouf.	Should weigh per Thouf.	Price per Thouf.	Should weigh per Thouf.
s. d.	lb. oz.	s. d.	lb. oz.
0 8½	0 8	1 9	2 12
0 11	0 14	1 10	2 14
0 11½	1 0	1 11	3 0
1 3	1 12	2 4	4 0
1 3½	1 14	2 10	5 0
1 4	2 0		

Clout-NAILS.

Price per Thouf.	Should weigh per Thouf.
s. d.	lb. oz.
2 1	4 8
2 10	7 0
3 2	8 0

Clout-BRADS.

Price per Thouf.	Should weigh per Thouf.
s. d.	lb. oz.
3 6	9 0

Dogg-NAILS.

Price per Thouf.	Should weigh per Thouf.
s. d.	lb. oz.
3 9	9 0
4 9	12 0
6 0	16 0

N. B. There are larger *Dogg*-Nails ; *viz.*

From 20 *lb.* to 120 *lb.* per *Thousand,* and are sold at 4 *d* per *Pound.*

Jobent-NAILS.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	d.	lb.	oz.
0	10½	0	14
0	11¼	1	0
1	2½	1	14
1	3	2	0
1	7	3	0

Tenter-HOOKS.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	d.	lb.	oz.
1	3	1	0
1	6	1	8
2	2	3	8
3	0	5	8
4	6	10	0
7	0	19	0
16	0	40	0

Round-Head-NAILS.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	d.	lb.	oz.
0	11½	0	13
1	0¾	1	0
1	3	1	10
1	4½	2	0
1	11	3	4
2	9	5	0
3	3	7	0
4	4	10	0
5	6	13	0

Glazier's SPRIGS.

Price per *Thouſ.*		Should weigh per *Thouſ.*	
s.	d.	lb.	oz.
0	7½	0	3
0	8	0	14
0	8¾	1	0

Pound-NAILS.

The Name.		Price per Ct. Wt.			The Name.		Price per Ct. Wt.		
lb.	oz.	l.	s.	d.	lb.	oz.	l.	s.	d.
14	0	1	15	0	44	0	1	13	0
20	0	1	15	0	54	0	1	12	0
34	0	1	15	0					

Cart-NAILS.

Are from 5 to 8 Inches long, and are ſold At 30 *s. per* Hundred Weight.

Ribbing-NAILS

Are from 5 to 10 Inches long, and are sold
At 27 *s. per* Hundred Weight.

Timber-NAILS

Are from 6 to 16 Inches long, and are sold
At 30 *s. per* Hundred Weight.

Joiners-RIVETS.

Joiners-Rivets are sold by the *Pound-Weight* ; viz.

Those of an Inch, at 4 *d.* $\frac{1}{2}$; those of
Inch and $\frac{1}{2}$, at 4 *d.* $\frac{1}{2}$; those of 2 Inch.
at 4 *d.* $\frac{1}{4}$; those of 3 Inches at 4 *d* ; and
those of 4 Inches at 4 *d.* per *Pound.*

WOOD SCREWS.

Of *Wood-Screws,* there are 31 *Sizes,*
which are sold from 1 *s.* 6 *d.* to 36 *s.*
per *Gross* ; viz.

At 1 *s.* 6 *d* ; at 1 *s.* 8 *d* ; at 2 *s* ; at
2 *s.* 3 *d* ; at 2 *s.* 6 *d* ; at 2 *s.* 8 *d* ; at 2 *s.*
10 *d* ; at 3 *s* ; at 3 *s.* 2 *d* ; at 3 *s.* 6 *d* ; at
3 *s.* 9 *d* ; at 4 *s* ; at 4 *s.* 3 *d* ; at 4 *s.* 6 *d* ;
at 5 *s* ; at 5 *s.* 6 *d* ; at 5 *s.* 9 *d* ; at 6 *s* ;
at 7 *s* ; at 9 *s* ; at 10 *s* ; at 12 *s* ; at 14 *s* ;
at 15 *s* ; at 18 *s* ; at 20 *s* ; at 22 *s* ; at
24 *s* ; at 28 *s* ; at 30 *s* ; and at 36 *s.*
per *Gross.*

THE
PRICES
OF
Joiners Tools, &c.

Augers.

THERE are 12 *Sizes* of *Augers,* which are fold from 1 *s.* to 4 *s.* a piece; *viz.*

Thofe which are $\frac{1}{2}$ Inch at 1 *s*; $\frac{5}{8}$ Inch at 1 *s.* 2 *d*; $\frac{3}{4}$ Inch at 1 *s.* 3 *d*; $\frac{7}{8}$ Inch at 1 *s.* 5 *d*; Inch at 1 *s.* 6 *d*; Inch $\frac{1}{8}$ at 1 *s.* 8 *d*; Inch $\frac{1}{4}$ at 2 *s*; Inch $\frac{3}{8}$ at 2 *s.* 6 *d*; Inch $\frac{1}{2}$ at 2 *s.* 8 *d*; Inch $\frac{5}{8}$ at 3 *s*; Inch $\frac{3}{4}$ at 3 *s.* 6 *d*; and 2 Inches at 4 *s.* a *piece.*

Hammers.

There are feveral Sorts of *Hammers,* but I fhall only take Notice of thofe known by the Names of *Claw-*Hammers, *Welded Cheek-*Hammers, and *Lathing-*Hammers.

There are 7 Sorts of *Claw-*Hammers, which are fold from 2 *s.* 8 *d.* to 8 *s.* per *Dozen, viz.*

At 2 *s.* 8 *d*; at 3 *s.* 6 *d*; at 4 *s*; at 4 *s.* 6 *d*; at 5 *s* 6 *d*; at 7 *s*; and at 8 *s.* per *Dozen.*

There are 4 Sorts of *Welded-Cheek* Hammers, which are fold from 11 *s.* to 16 *s.* 6 *d.* per *Dozen*; *viz.*

At 11 *s*; at 12 *s*; at 14 *s*; and at 16 *s.* 6 *d.* per *Dozen.*

There are 4 Sorts of *Lathing-*Hammers, which are fold from 10 *s.* to 15 *s.* per *Dozen*; *viz.*

At 10 *s*; at 12 *s*; at 14 *s*; and at 15 *s.* per *Dozen.*

Axes, Adzes, *and* Hatchets.

There are only 3 Sorts of *Axes,* which I fhall take Notice of, *viz. Felling-*Axes, *Houfe-*Axes, and *Lopping-*Axes.

There are 4 Sorts of *Felling-*Axes, which are fold from 1 *s.* 5 *d.* to 2 *s.* a *piece*; *viz.*

N° 1. at 1 *s.* 5 *d*; N° 2. at 1 *s.* 6 *d*; N° 3. at 1 *s.* 10 *d*; and N° 4. at 2 *s.* a *piece.*

There

There are also 4 Sorts of *House*-Axes, which are sold from 2 *s*. 6 *d*. to 3 *s*. 6 *d*. a *piece*; *viz.*

At 2 *s*. 6 *d*; at 3 *s*; at 3 *s*. 3 *d*; and at 3 *s*. 6 *d*. a *piece*.

Likewise, there are 4 Sorts of *Lopping*-Axes, which are sold from 17 *s*. to 24 *s*. per *Dozen*; *viz.*

At 17 *s*; at 18 *s*; at 22 *s*; and at 24 *s*. per *Dozen*; *viz.*

There are 2 Sizes of *Adzes*; one at 20 *d*; and the other at 2 *s*. a *piece*.

There are 2 *Sizes* of *Joiners*-Hatchets; the *one* is sold at 18 *s*; and the *other* at 20 *s*. per *Dozen*.

Saws.

There are several Sorts of *Saws*, both of *Steel* and *Iron*; *viz*. *Compass-Steel*-Saws, *Grafting*-Saws, *Hand* and *Pannell*-Saws, *Tennant*-Saws, *Two-Hand-peg-Tooth*-Saws, *Whip-Steel*-Saws, *Rib-Steel*-Saws.

Compass-Steel-Saws, are sold by the *Dozen*; *viz.*

Those of 12 Inches at 8 *s*; and those of 15 Inches, at 10 *s*. per *Dozen*.

Grafting-Saws, are also sold by the *Dozen*; *viz.*

Those of 10 Inches, at 9 *s*; 12 Inches, at 12 *s*; 14 Inches, at 14 *s*; 16 Inches, at 16 *s*; and 18 Inches, at 18 *s*. per *Dozen*.

Hand and *Pannell*-Saws, are likewise sold by the *Dozen*; *viz.*

Those of 20 Inches, are at 22 *s*; 22 Inches, at 25 *s*; 24 Inches, as 28 *s*; and 26 Inches, at 30 *s*. per *Dozen*.

Hand and *Pannell*-Saws (Extraordinary) *Harden'd Plates*.

Those of 22 Inches, are sold at 4 *s*. 6 *d*; 24 Inches, at 5 *s*; and 26 Inches, at 5 *s*. 6 *d*. a *piece*.

Tennant-Saws, *Harden'd-Plates* (Extraordinary) are sold at 55 *s*. per *Dozen*.

Two - Hand - Peg - Tooth and *Whip - Steel*-Saws: Of these there are 13 different Sorts, which are sold from 6 *s*. 6 *d*. to 30 *s*. a *piece*; *viz.*

Those of 3 Foot, at 6 *s*. 6 *d*; 3 Foot ½ at 7 *s*. 6 *d*; 4 Foot, at 9 *s*; 4 Foot ½ 10 *s*; 5 Foot, at 11 *s*; 5 Foot ½, at 13 *s*; 6 Foot, at 15 *s*; 6 Foot ½, at 16 *s*; 7 Foot, at 17 *s*; 7 Foot ½, at 20 *s*; 8 Foot, at 22 *s*; 8 Foot ½, at 25 *s*; and 9 Foot, at 30 *s*. a *piece*.

Rib-

Rib-Steel-Saws, are fold *fingly* ; *viz.*
Thofe of 5 Foot, at 8 *s* ; 5 Foot ½,
at 9 *s* ; and 6 Foot at 10 *s.* a *piece.*

White's-Saws.

Hand-Saws, Whet and Set, are fold
fingly ; *viz.*
Thofe of 22 Inches, at 6 *s* ; 24 Inches,
at 6 *s.* 6 *d*; and 26 Inches, at 7 *s.* a *piece.*
Pannel-Saws, made per *White*, Whet
and Set, are fold at 6 *s.* a *piece.*
Tennant-Saws, made per *White*, Whet
and Set, are fold at 7 *s.* a *piece.*
Whip-Saws, made per *White*, Whet
and Set, with Tillers, and Set : Of thefe
there are 7 Sizes, which are fold as fol-
lows ; *viz.*
Thofe of 6 Foot, at 28 *s* ; 6 Foot ½,
at 32 *s* ; 7 Foot, at 34 *s* ; 7 Foot ½, at
38 *s* ; 8 Foot, at 42 *s* ; 8 Foot ½, at 44 *s* ;
9 Foot, at 50 *s.*

Iron-Saws,

Iron-Hand-Saws are fold per the *Do-
zen* ; *viz.*
Thofe of 17 Inches, at 8 *s* ; 18 Inches
at 9 *s* ; 19 Inches at 10 *s* ; 20 Inches, at
12 *s* ; 22 Inches, at 13 *s* ; and 24 Inches,
at 16 *s.* per *Dozen.*
Iron-Two-Hand, Peg-Tooth, and *Whip*-
Saws, are fold *fingly* ; *viz.*
Thofe of 3 Foot, at 3 *s* ; 3 Foot ½, at
3 *s.* 6 *d*; 4 Foot, at 4 *s* ; 4 Foot ½, at 4 *s.*
6 *d*; 5 Foot, at 5 *s* ; 5 Foot ½, at 5 *s.* 6 *d*;
6 Foot, at 6 *s.* 6 *d*; 6 Foot ½ at 7 *s* ; and
7 Foot, at 7 *s.* 6 *d.*
Hand-Saw-Screws, are fold at 6 *s.* per
Grofs.
Hand-Saw Setts, are fold at 2 *s.* per
Dozen.
But the *very beft*, are 3 *s.* per *Dozen.*
Stone-Saws, are fold at 35 *s.* per *Hun-
dred Weight.*

Chizels.

There are feveral Sorts of *Chizels* ;
viz. Firmers and *Gouges, Mortice*-Chizels,
Pairing-Chizels, *Broad*-Chizels, *Head-
ing*-Chizels, *Scribing*-Chizels, *Turning*-
Chizels and *Socket* Gouges ; *all which*
are fold by the *Dozen.*

A a   *Firmers*

Firmers and *Gouges shoulder'd*, those of *an Inch* or under, at 20 *d.* per *Dozen*; those from an *Inch* ¼ to an *Inch and half*, at 2 *s.* per *Dozen*; those from an *Inch* ¾ to *Two Inches*, at 2 *s.* 6 *d.* per *Dozen*.

N. B. Of these there are a longer Sort, which are 4 *s.* per *Dozen*.

Mortice-Chizels, at 4 *s.* 6 *d.* per *Doz.*

Pairing-Chizels, at 7 *s.* per *Dozen*.

N. B. There are a better Sort of *Pairing*-Chizels, which are 8 *s.* per *Dozen*.

Broad-Chizels, are 7 *s.* per *Dozen*.

Heading-Chizels, those of ½ Inch, are 4 *s.* per *Dozen*.

And those of ¾ *Inch*, and *Inch*, are 6 *s.* per *Dozen*.

Scribing—Chizels, are 5 *s.* per *Dozen*.

Turning-Chizels, and Gouges, are 5 *s.* 6 *d.* per *Dozen*.

Socket-Gouges, are 5 *s.* per *Dozen*.

Compasses.

Of these, there are 7 Sizes, which are sold from 20 *d.* to 3 *s.* 4 *d.* per *Doz. viz.*

At 20 *d*; at 2 *s*; at 2 *s.* 3 *d*; at 2 *s.* 6 *d*; at 2 *s.* 9 *d*; at 3 *s*; and 3 *s.* 4 *d.* per *Dozen*.

Compasses with *Steel Sweeps*, are of different Sizes, and are sold *Singly*; *viz.*

Those of 12 Inches, at 2 *s.* 6 *d*; 13 Inches, at 2 *s.* 9 *d*; 14 Inches, at 3 *s*; and 15 Inches, at 3 *s.* 6 *d.* per *Pair*.

Trowels.

Of these, there are the following Sorts; *viz.*

Brick-Trowels, at 10 *s.* per *Dozen*.

Setting-Trowels, at 9 *s.* per *Doz.*

Stopping-Trowels, at 8 *s.* per *Doz.*

Stone-Trowels, at 10 *s.* per *Doz.* and

Laying-Trowels, at 10 *s.* per *Doz.*

Jack, or *Hand-Screws* (Single).

Of these there are several Sizes, which are sold by the Pair; *viz.*

Those of ½ Inch, at 16 *s*; those of ¾ Inch, at 25 *s*; those of ⅞ Inch, at 26 *s*; those of an Inch, at 30 *s*; those of Inch ⅛, at 31 *s*; those of Inch ¼, Inch ⅜, and Inch ½, at 40 *s.* a Pair.

Jack, or *Hand-Screws* (Double)

Are sold by the *Pair*; *viz.* those of Inch ¼, at 40 *s*; and those of Inch ½, at 80 *s*.

Bolts

Bolts.

There are several Sorts of *Bolts* ; *viz.* *Balcony*-Bolts, *Spring*-Bolts, *Sash*-Bolts, and *Shutter*-Bolts.

Some *Balcony*-Bolts, are sold by the *Dozen*, and *some* by the *Pair* ; there are 10 Sorts of those which are sold per *Doz.* *viz.*

At 6 *s* ; at 7 *s* ; at 9 *s* ; at 12 *s* ; at 15 *s* ; at 18 *s* ; at 22 *s* ; at 24 *s* ; at 26 *s* ; and at 28 *s*. per *Dozen*.

Balcony-Bolts, sold by the *Pair*, of these there are 8 Sorts ; *viz.*

At 3 *s* ; at 3 *s*. 6 *d* ; at 4 *s*. 6 *d* ; at 5 *s* ; at 5 *s*. 6 *d* ; at 7 *s* ; at 9 *s* ; and at 12 *s*. per *Pair*.

Spring-Bolts, and *Sash*-Bolts, are sold by the *Dozen*, and of these there are 15 Sorts ; *viz.*

At 1 *s*. 6 *d* ; at 1 *s*. 10 *d* ; at 2 *s*. 3 *d* ; at 2 *s*. 4 *d* ; at 2 *s*. 9 *d* ; at 3 *s*. 6 *d* ; at 4 *s* ; at 4 *s*. 6 *d* ; at 5 *s*. 6 *d* ; at 6 *s*. 6 *d* ; at 9 *s* ; at 12 *s* ; at 13 *s* ; at 15 *s* ; and at 18 *s*. per *Dozen*.

Shutter-Bolts, are sold *per* the *Dozen* ; and of these there are 5 Sorts ; *viz.*

At 10 *s* ; at 12 *s* ; at 14 *s* ; at 16 *s* ; and at 18 *s*. per *Dozen*.

Latches.

Of these, there are several Sorts ; *viz.* *Long-Tinn'd*-Latches ; *Varnish'd*-Latches ; *Spring* and *Thumb*-Latches ; with *Brass-Knob* ; and *Rimmed*-Latches.

Long-Tinn'd-Latches, are sold by the *Doz.* and of these, there are 7 Sorts ; *viz.*

At 2 *s*. 3 *d* ; at 2 *s*. 6 *d* ; at 3 *s* ; at 4 *s* ; at 4 *s*. 6 *d* ; at 6 *s* ; and at 7 *s*. per *Doz.*

Varnish'd-Latches, are sold by the *Doz.* and of these there are 5 Sorts ; *viz.*

At 2 *s*. 6 *d* ; at 3 *s* ; at 4 *s* ; at 6 *s* ; and at 8 *s*. per *Dozen*.

Spring and *Thumb*-Latches, are sold by the *Dozen* ; and of these there are 9 Sorts ; *viz.*

At 3 *s*. 6 *d* ; at 4 *s* ; at 4 *s*. 6 *d* ; at 5 *s*. 6 *d* ; at 7 *s* ; at 8 *s* ; at 9 *s* ; at 12 *s* ; and at 14 *s*. per *Dozen*.

Latches with *Brass-Knobs*, are sold by the *Dozen* ; and of these there are 3 Sorts ; *viz.*

A a 2   At

At 14 *s*; at 16 *s*; and at 18 *s.* per *Doz.*

Rimm'd-Latches : Of these there are sundry Sorts; *viz. Iron*-Cased, *Brass*-Cased, and some *Sliding*-Cased, and some *not*-Cased; these are sold *Singly*, and are from 1 *s.* 10 *d*; to 16 *s.* a *piece* ; *viz.*

At 1 *s.* 10 *d*; at 2 *s.* 2 *d*; at 2 *s.* 4 *d*; at 3 *s*; at 3 *s.* 6 *d*; at 4 *s*; at 4 *s.* 6 *d*; at 5 *s.* 6 *d*; at 6 *s.* 6 *d*; at 8 *s.* 6 *d*; at 9 *s*; at 10 *s*; at 12 *s*; at 13 *s*; and at 16 *s.* a *piece.*

Hinges.

There being several *Sorts* and many *Sizes* of Hinges ; the *Wholesale Smiths* and *Iron-mongers*, to avoid, as much as possible, too great a Multiplicity of Prices, have contrived to *Class* and consider several Sorts *together*, after such a Manner, that the Prices set down under each *Class* or *Sortment*, are applicable to the whole.

Black - Hinges, *Chest* - Hinges, *Chest*-Hasps, Hooks and Hinges, *Scuttle*-Hinges, *Sirap*-Hinges.

The above Sorts are sold by the *Doz.* as follows ; *viz.*

At 3 *s.* 3 *d*; at 4 *s.* 3 *d*; at 5 *s.* 3 *d*; at 6 *s.* 3 *d*; at 7 *s.* 6 *d*; at 8 *s.* 6 *d*; and at 10 *s.* 6 *d.* per *Dozen.*

Cross-Garnet-Hinges, with *rising-Joints*, are sold by the *Dozen* ; and from 6 *s.* 6 *d*; to 15 *s.* 6 *d*; *viz.* at 6 *s.* 6 *d*; at 8 *s.* 6 *d*; at 10 *s.* 6 *d*; at 13 *s.* 6 *d*; and at 15 *s.* 6 *d.* per *Dozen.*

Cross-Garnet and *Scuttle*-Hinges that are *weighty*, are sold at 32 *s.* 6 *d.* per *Hundred Weight.*

But if more than 25 Pair to the *Hundred Wt.* then at 12 *d.* per *Hundred* more.

Cross-Garnet-Hinges, with *Filed-Joints*, are sold at 37 *s.* 6 *d.* per *Hundred Weight.*

Hinges with *Hooks*, are sold at 30 *s.* per *Hundred Weight.* *N. B.* Sometimes they have *Stay-Hooks*, and then they are 2 *s.* per *Hundred* more.

Holdfasts and *Wall-Hooks*, are sold at 33 *s.* per *Hundred Weight.*

Ditto for *Joiners*, are sold at 4 *d.* ½ per *Pound.*

Hooks and *Eyes* for *Gates*, are sold at 3 *d.* ½ or 3 *d.* ¾ per *Pound.*

The *Cheaper Sort* of Hinges, are *Lancashire* Hinges, *Balcony* Hinges, *Chest*-
Hinges,

Hinges, *Dove-tail'd*-Hinges, *Cross- Gar-net*-Hinges, *Shutter*-Hinges, *Side*-Hinges, *Pew*-Hinges, *Box*-Hinges, and *Bed*-Hinges.

N. B. Thefe Sorts are Sold by the *Doz.* *viz.*

At 1 *s*; at 1 *s*. 2*d*; at 1 *s*. 6*d*; at 2 *s*. 6 *d*; at 3 *s*; at 4 *s*; at 5 *s*; at 8 *s*; at 10 *s*; at 12 *s*; at 14 *s*; at 16 *s*; at 18 *s*; at 20 *s*; at 24 *s*; and at 30 *s*. per *Dozen*.

Smooth - Filed - Hinges, *viz.* Balcony-Hinges, *Box*-Hinges, *Cheft*-Hinges, *Clock-Cafe*-Hinges, *Defk*-Hinges, *Pew*-Hinges, *Shutter*-Hinges, *Side*-Hinges, and *Tumblers.*

N. B. Thefe Hinges are fold by the *Dozen*, as follows ; *viz.*

At 1 *s*. 6 *d*; at 1 *s*. 8 *d*; at 1 *s*. 9 *d* ; at 2 *s*; at 2 *s*. 2 *d*; at 2 *s*. 6 *d*; at 3 *s*; at 3 *s*. 6 *d* ; at 4 *s*; at 4 *s*. 6 *d*; at 5 *s*. 6 *d* ; at 7 *s*; at 9 *s*; at 10 *s*; at 11 *s*; at 14 *s*; at 16 *s*; at 20 *s* ; at 22 *s*; at 24 *s*; at 26 *s*; at 30 *s*; at 36 *s*; and at 42 *s*. per *Dozen*.

Some *Smooth-Filed*-Hinges, are fold by the Pair, and are from 4 *s*. to 7 *s*; *viz.*

At 4 *s* ; at 5 *s* ; at 5 *s*. 6 *d* ; at 6 *s* ; and at 7 *s*. a *Pair*.

The *beft* I–L *Hinges*, are fold by the *Pair* ; *viz.*

Thofe of 6 Inches, at 9 *d* ; 7 Inches, at 10 *d* ; 8 Inches, at 1 *s* ; 9 Inches, at 1 *s*. 2 *d* ; 10 Inches, at 1 *s*. 6 *d* ; 11 Inches, at 2 *s* ; and 12 Inches, at 2 *s*. 9 *d*. a *Pair*.

N. B. There are *larger-Sizes*, which are fold at 10 *d*. per *Pound*.

I–L *Hinges*, with *Rifing Joints*, are fold by the *Pair*, as follows ; *viz.*

Thofe of 7 Inches, at 1 *s*. 2 *d* ; 8 Inches, at 1 *s*. 6 *d*; 9 Inches, at 1 *s*. 9 *d*; 10 Inches, at 2 *s*. 2 *d*; 11 Inches, at 3 *s*; and 12 Inches, at 4 *s*. a *Pair*.

N. B. *There are* larger Sizes, *which are fold at* 10 *d.* per *Pound*.

Pew-Hinges are fold by the *Dozen*, as follows ; *viz.*

Thofe of 6 Inches, at 9 *s*; 7 Inches, at 13 *s*; 8 Inches, at 17 *s*; 9 Inches, at 21 *s*, and 10 Inches, at 26 *s*. per *Dozen*.

Shutter-Hinges are fold by the *Doz. viz.*

Thofe of 6 Inches, at 7 *s* ; 7 Inches, at 10 *s*; 8 Inches, at 12 *s*; and 9 Inches at 16 *s*. per *Dozen*.

Side

Side-Hinges are fold by the *Dozen*, as follows ; *viz.*

5 Inches, at 4 *s.* 6 *d* ; 6 Inches, at 6 *s* ; 7 Inches, at 8 *s*; 8 Inches, at 10 *s*; 9 Inches, at 12 *s*; and 10 Inches, at 13 *s.* per *Dozen.*

The *beft-Dove-Tail'd*-Hinges, are fold by the *Pair* ; viz.

Thofe of 3 Inches, at 3 *s* ; 3 Inches ½, at 4 *s*; 4 Inches, at 4 *s.* 6 *d* ; 4 Inches ½, at 5 *s*; and 5 Inches, at 6 *s.* a *pair.*

Locks.

The different Sorts of *Locks*, are almoft innumerable, as it refpects the *Making* and *Contriving* their *Wards* and *Guards*, &c. and a more particular Account than what I fhall give of them, would, by the Generality of Readers, I prefume, be thought fuperfluous ; the *Locks* I fhall exhibit the Prices of, are,

1. *Baftard-Banbury-Stock*-Locks.

2. *Livery-Stock*-Locks.

3. *Plate-Stock*-Locks.

4. *Plate-Clofet*-Locks ; *ditto* with *Screws* ; *ditto* with *Single* Springs ; *ditto* with *Double* Springs.

5. *Spring-Stock*-Locks ; *twice* Dead ; *Spring Stock*-Locks ; *twice* Dead, in *Suite.*

6. *Iron-Rimm'd*-Locks ; *once* Dead ; *twice* Dead and *Pull-back*, with Brafs Knobs ; *One* Bolt, *Two* Bolts, and *Three* Bolts, *plain*, and Wards *bound.*

7. *Brafs-Rimm'd*-Locks ; *Clofet*, *with Spindles*, not *Cafed* ; *Cafed*, and *Sliding* Cafe.

8. D *Gate*-Locks, with *Two* Wards, *Three* Wards, *Steel*-Wards, *Slit Key*, or *Letter-Key.*

9. *Hanging-Locks* ; *Pad-Locks* ; *Slit-Key'd*-Locks ; *Bridg'd*, and *Secret-Pad*-Locks.

10. *Cabinet*-Locks ; *Box*-Locks ; *Cupboard* Locks, and *Till*-Locks.

11. *Cabinet*-Locks ; *Till*-Locks ; *Scrutore*-Locks ; *Defk*-Locks ; *Book-Cafe*-Locks, in *Suite*; *Five* Locks, and *one* Key.

12. *Infide*-Locks, for Chefts, Defks, Tills, Cupboard, and Boxes; *viz.*

X Keys, X Wards, XX Wards, XX and Bullet Wards ; S. Bitted, *&c.*

13. *Out-*

13. *Outside*-Locks for Boxes, Chefts, Trunks, and Ban Boxes.

14. *Very small* X Ward, *Cup-board*, and *Till*-Locks.

I fhall begin with thofe which the *Wholefale*-Dealers prize diftinctly; and it muft be obferved, (by fuch as would attain a true Notion of thefe Things) that as it was in the Cafe of *fome* Hinges, fo it is in the Cafe of *fome* Locks; the Wholefale *Ironmongers* and *Smiths*, to avoid, as much as poffible, too great a Multiplicity of Prices, have contrived to *Clafs*, or *Sort*, feveral Kinds of Locks together, fo that the Prices fet down fhall be applicable to all the *Sorts* in each *Clafs*.

Baftard-Banbury-Stock-Locks, are fold by the *Dozen*; *viz.*

At 6 *s*; at 7 *s*; at 8 *s*; and at 9 *s*. per *Dozen*.

Livery-Stock-Locks, are fold from 6 *s*. 6 *d*. to 24 *s*. per *Dozen*; *viz.*

At 6 *s*. 6 *d*; at 8 *s*. 6 *d*; at 9 *s*. at 11 *s*; at 14 *s*; at 16 *s*; at 20 *s*; at 22 *s*; and at 24 *s*. per *Dozen*.

Plate-Stock-Locks, are fold from 8 *s*. to 27 *s*. per *Dozen*; *viz.*

At 8 *s*; at 9 *s*; at 11 *s*; at 12 *s*; at 14 *s*; at 16 *s*; at 20 *s*; at 22 *s*; at 24 *s*; and at 27 *s*. per *Dozen*.

Plate-Clofet-Locks; of thefe, fome are fold by the *Dozen*; fome are fold *fingly*, with *Screws*, fome are fold *fingly*, with *fingle Springs*; and fome are fold *fingly*, with *Double* Springs: Thofe fold by the *Dozen*, are from 11 *s*. to 20 *s*; *viz.*

At 11 *s*; at 12 *s*; at 14 *s*; at 16 *s*; and at 20 *s*. per *Dozen*.

Thofe fold *fingly* with *Screws*, are from 16 *d*. to 3 *s*. 6 *d*. a *piece*; *viz.*

At 1 *s*. 4 *d*; at 1 *s*. 8 *d*; at 1 *s*. 10 *d*; at 2 *s*. 2 *d*; at 2 *s*. 9 *d*; and at 3 *s*. 6 *d*. a *piece*.

Thofe fold *fingly*, with *fingle* Springs, are fold from 6 *s*. 6 *d*. to 9 *s*. a *piece*; *viz.*

At 6 *s*. 6 *d*; at 7 *s*; at 8 *s*; and at 9 *s*. a *piece*.

Thofe fold *fingly* with *double* Springs, are fold from 12 *s*. to 16 *s*. a *piece*; *viz.*

At 12 *s*; at 14 *s*; and at 16 *s*. a *piece*.

Spring-Stock-Locks, *twice* Dead, are fold

ſold from 2 *s.* 2 *d;* to 9 *s.* 6 *d.* a *piece;* viz.

At 2 *s.* 2 *d;* at 2 *s.* 4 *d;* at 2 *s.* 10 *d;* at 3 *s.* 6 *d;* at 4 *s.* 6 *d;* at 5 *s.* 6 *d;* at 7 *s.;* at 8 *s;* and at 9 *s.* 6 *d.* a *piece.*

*Spring-Stock-*Locks, *twice* Dead, in *Suite,* are from 11 *s.* to 50 *s; viz.*

At 11 *s;* at 14 *s;* at 16 *s;* at 20 *s;* at 22 *s;* at 24 *s;* at 26 *s;* at 33 *s;* at 40 *s;* and at 50 *s,* a *piece.*

*Iron-Rimm'd-*Locks, are of ſundry Sorts *viz.*

Once Dead, *twice* Dead, and Pull-Backs, with *Braſs·*Knobs; *One* Bolt; *Two* Bolts, and *Three* Bolts; *Plain,* and Wards *bound.*

*Braſs-Rimm'd-*Locks, *Cloſet,* with *Spindles, not Caſed, Caſed,* and *Sliding-Caſed.*

N. B. *The above Locks, are of ſeveral Prices;* viz. *from* 11 *d. to* 32 *s.* a *piece;* viz.

At 11 *d;* at 1 *s;* at 1 *s.* 2 *d;* at 1 *s.* 6 *d;* at 1 *s.* 7 *d;* at 1 *s.* 10 *d;* at 2 *s.* 2 *d;* at 2 *s.* 4 *d;* at 2 *s.* 6 *d;* at 2 *s.* 9 *d;* at 3 *s.* at 3 *s.* 6 *d;* at 4 *s.* at 4 *s.* 3 *d;* at 4 *s.* 6 *d;* at 4 *s.* 9 *d.* at 5 *s.* 6 *d;* at 6 *s.* at 6 *s.* 6 *d;* at 7 *s.* 6 *d;* at 8 *s;* at 8 *s.* 6 *d;* at 9 *s.* at 9 *s.* 6 *d.;* at 10 *s;* at 12 *s;* at 13 *s;* at 16 *s;* at 18 *s;* at 21 *s;* at 24 *s;* at 26 *s;* and at 32 *s.* a *piece.*

Beſides thoſe *Iron-Rimm'd-*Locks, and *Braſs-Rimm'd-*Locks before-mentioned, there are alſo 26 Sorts, which are ſold *in Suite;* viz.

At 14 *s;* at 16 *s;* at 19 *s;* at 21 *s;* at 24 *s;* at 26 *s;* at 28 *s;* at 30 *s;* at 33 *s;* at 36 *s;* at 38 *s;* at 42 *s;* at 48 *s;* at 54 *s;* at 60 *s;* at 65 *s;* at 68 *s;* at 70 *s;* at 76 *s;* at 84 *s;* at 90 *s;* at 5 *l.* at 5 *l.* 10 *s.* 0 *d;* at 6 *l.* 0 *s.* 0 *d;* at 6 *l.* 10 *s.* 0 *d;* and at 7 *l.* 0 *s.* 0 *d.* per *Suite.*

D *Gate-*Locks, if *Two* Wards, *Three* Wards, *Steel-*Wards, *Slit-*Key, or *Letter-*Key; are from 2 *s.* 6 *d.* to 14 *s.* per *Doz.* viz.

At 2 *s.* 6 *d;* at 2 *s.* 9 *d;* at 3 *s;* at 3 *s.* 4 *d;* at 3 *s.* 6 *d;* at 4 *s;* at 4 *s.* 6 *d;* at 5 *s;* at 7 *s;* at 7 *s.* 6 *d;* at 8 *s;* at 9 *s;* at 11 *s;* and at 14 *s.* a *Dozen.*

*Hanging-*Locks, *Pad-*Locks, *Slit-Key'd-*Locks, are from 3 *s.* 6 *d;* to 16 *s.* per *Dozen;* viz.

At

At 3 *s*. 6 *d*; at 4 *s*; at 4 *s*. 6 *d*; at
5 *s*. 6 *d*; at 7 *s*; at 8 *s*; at 9 *s*; at 10 *s*.
6 *d*; at 12 *s*; at 14 *s*; and at 16 *s*. per
Dozen.

Bridg'd and *Secret Pad*-Locks; some
are from 9 *s*. to 16 *s*. per *Dozen*; *viz*.

At 9 *s*; at 11 *s*; at 14 *s*; and at 16 *s*.
a *Dozen*.

Bridg'd, and *Secret Pad*-Locks, some
are sold *singly*, and those are from 20 *d*.
to 5 *s*. 6 *d*. a *piece*; viz.

At 1 *s*. 8 *d*; at 1 *s*. 10 *d*; at 2 *s*. 2 *d*;
at 2 *s*. 6 *d*; at 2 *s*. 9 *d*; at 3 *s*. 6 *d*; at
4 *s*; and at 5 *s*. 6 *d*. a *piece*.

Cabinet-Locks, *Box*-Locks, *Cupboard*-
Locks, *Till*-Locks (whether *in Suite, or
not*) are from 3 *s*. 6 *d*. to 16 *s*. per *Doz*.
viz.

At 3 *s*. 6 *d*; at 3 *s*. 8 *d*; at 4 *s*; at
4 *s*. 6 *d*; at 5 *s*. 6 *d*; at 7 *s*; at 8 *s*; at
10 *s*; at 11 *s*; at 14 *s*; and at 16 *s*. per
Dozen.

Cabinet-Locks, *Till*-Locks, *Escrutore*-
Locks, in *Suite*, *Five* Locks and *One* Key,
Desk-Locks, and *Book-Case*-Locks, are
from 2 *s*. to 7 *s*. a *piece*; viz.

At 2 *s*; at 2 *s*. 6 *d*; at 3 *s*; at 3 *s*. 6 *d*;
at 4 *s*; at 5 *s*. 6 *d*; and at 7 *s*. a *piece*.

N. B. *There are some of* Higher-Price
but not of common Use.

Of *Inside*-Locks for *Chests, Desks, Tills,
Cupboards*, and *Boxes*; there are sundry
Sorts; *viz*.

X *Keys*, X *Wards*, XX *Wards*, XX
and *Bullet-Wards*, S *Bitted-Spring*, &c.
And these are sold from 3 *s*. 2 *d*. to 36 *s*.
per *Dozen*; viz.

At 3 *s*. 2 *d*; at 3 *s*. 6 *d*; at 4 *s*; at 4 *s*.
4 *d*; at 4 *s*. 6 *d*; at 4 *s*. 8 *d*; at 5 *s*. 3 *d*;
at 5 *s*. 6 *d*; at 5 *s*. 8 *d*; at 7 *s*; at 8 *s*;
at 9 *s*; at 11 *s*; at 12 *s*; at 14 *s*; at 16 *s*;
at 20 *s*; at 22 *s*; at 26 *s*; at 28 *s*; and at
36 *s*. a *Dozen*.

Inside-Locks, *not* sold in *Dozens*, but
single; viz.

At 2 *s*. 2 *d*; at 3 *s*; at 3 *s*. 6 *d*; at
4 *s*. 6 *d*; at 5 *s*; at 5 *s*. 6 *d*; at 7 *s*; at
8 *s*; and at 11 *s*. a *piece*.

Out-side Box and *Chest*-Locks, sold by
the *Dozen*, and are from 3 *s*. 2 *d*. to 19 *s*.
viz.

B b

At

At 3 *s.* 2 *d*; at 3 *s.* 6 *d*; at 4 *s*; at 4 *s.* 6 *d*; at 5 *s.* 6 *d*; at 7 *s*; at 7 *s.* 6 *d.* at 8 *s*; at 9 *s.* 6 *d*; at 11 *s*; at 14 *s*; at 16 *s*; and at 19 *s.* per *Dozen.*

Outside-Locks, for *Trunks*, and *Ban-*Boxes, are sold at 5 *s.* 6 *d*; *Ditto* plain Drill'd, at 7 *s*; X Ward, at 8 *s*; Raised, at 14 *s.* per *Dozen.*

Ditto Small X Ward *Cupboard* and *Till-*Locks, are sold per *Dozen*; viz.

At 4 *s.* 6 *d*; and at 5 *s.* per *Dozen.*

IRONWORK.

Done by the *Pound-Weight*, is Casements for Windows, Cross-Window-Bars, filed, and Work of the like Nature, at 4 *d.* ½, per *Pound.*

Iron-Doors, and Shutters, at 10 *d.* per *Pound.*

All hammer'd-Work, as Chimney-Bars, Stays, Upright-Window-Bars, Iron-Fenders, Shutter-Bars, Pump-Work, Bolts, Saddle-Bars, Cramps, Hold-fasts, Wall-Hooks, Gudgeons, Hoops, and all Black Work of the same Nature, at 3 *d.* ½, per *Pound.*

Pins, Hoops, Chains, Hooks, &c. to stable Bails, at 4 *d.* per *Pound.*

FINIS.

The CONTENTS of the Use, &c. of the TABLE of *Solid Measure.*

How

The CONTENTS of the USE, &c. of the TABLE of *Flat Measure.*

N. B. This Table *begins* at Page 130, *and ends at* Page 176.

What

The CONTENTS. lix

The CONTENTS of the *APPENDIX.*

Tables

lx *The* CONTENTS.

them to the Measurement of all Sorts of Artificers Works concerned in *Building*.

II. Containing plain and easy Directions for the Construction of the *Five Orders of Architecture*, with their several *Pedestals, Columns*, and *Entablatures*, accurately described ; and a *Parallel* drawn between *this* and Mr. *Gibbs*'s Method, and *that* of *The Builder's Repository*, shewing how the Orders are to be used over each other, with their *Intercolumniations*, &c. A large Variety of *Frontispieces* and *Doors*. Likewise an Easy and entirely New Method of finding the Exact Module or *Diameter* for the erecting Columns or Pilasters. Also how to calculate the *Diameter* of the Orders, according to the Proportions laid down by Mr. *Gibbs*, or any other Author. And also the Method of Reducing any Module or *Diameter* (from 6 to 24 Inches) into *Feet* and *Inches*, by a New Inspectional Table ; whereby the Trouble of dividing a Module into *Minutes* is avoided, and the whole performed by the common 2 *Foot Rule*.

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